

Industrial Nets and Safety Nets

for technical and environmental applications



RETAIL CATALOGUE NO. 24

2019/2020



New for 2019

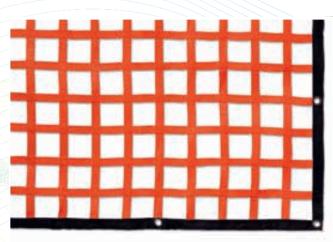




Safety nets in "Grey", see Pages 46 and 47



Nets in knotless braided netting technology, see Page 43



Knitted webbing nets, with edging and lashing points, see Page 21



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55 years of HUCK

- ... means 55 years of entrepreneurial spirit and HUCK's focus on quality
- ... means 55 years of development in net technology
- ... means a good many professional careers.



Dear Business Associates,

Our Industrial Catalogue 2019/2020 shows the diversity of the unique HUCK portfolio of knotless nets in different diameters, mesh sizes and colours as well as specific industrial applications for these nets.

This range has now been expanded with a knitted webbing net produced under a patented method which is used in the cargo, industrial and safety sector.

In order to further expand capacity in the knotless net production, the HUCK company has decided to also manufacture knotless safety nets using braiding technology. This method enables high-performance fibres to be optimally manufactured into nets. Further benefits lie in the optimised transmission of force and relatively low elongation. These can also be used in the cargo, safety and zoo net sector.

In cooperation with DEKRA, professional trade associations and their testing institutes we can have safety-related products certified according to the latest directives and also work closely together with the diverse DIN standards committees and working groups of the professional trade associations in the building industry.

As a result we ensure that with HUCK nets you are always at the cutting edge of technology for textile nets for industrial applications.

With compliments, Manfred Huck GmbH

Valentin Huck

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Stefan Huck



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Using nets to secure loads

Unsecured or inadequately secured loads are an ongoing cause of serious road accidents.

One of the greatest risks, for example, comes from a shed load which obstructs the traffic behind and can lead to accidents.

As a result, the primary purpose of the requirement to have road vehicle loads secured appropriately for transportation is to ensure the safety of all road users.

In addition to the protection of road users, the load itself of course needs to be protected against loss, damage and destruction.

While general regulations such as the Highway Code and accident prevention regulations refer to the obligation to secure loads, they do not give details. That means that it is not easy for the responsible vehicle driver to choose the most suitable load-securing methods. In this instance precise instructions can primarily be found in the technical regulations VDI 2700 ff sheet 3.3 and VDI 3968.

The load-securing section of our industrial nets catalogue shows a wide range of options and products.

As manufacturers of nets and fine-mesh fabric, we offer a large selection of nets and air-permeable cover sheets for containers. While nets and air-permeable tarpaulins keep the load together, as aids to securing loads there are also lashing straps and lifting slings in this catalogue as well as in combination with webbing nets from page 22 to ensure the load is held together and secured in accordance with regulations.

Cover nets for containers in standard sizes

The flexibility of a net allows it to adapt to the shape of different loads and compensate for changes in volume.

Nets can be used to secure untidy loads (waste paper, etc.).

They prevent the load from coming apart, thereby ensuring that none of it is lost.

Air-permeable cover sheets for containers protect the load from dust, dirt and sunshine.

Now available in more standard sizes!

All standard container cover nets are immediately available from stock!



NEW: many of our standard nets now come with DEKRA certification!

Approximate net size for skips

skip size	net size		
$3 - 5 \text{ m}^3$	$3.00 \times 4.50 \mathrm{m}$		
$6 - 8 \text{m}^3$	$3.50 \times 5.00 \mathrm{m}$		
10 m ³	$3.50 \times 5.50 \mathrm{m}$		
12 m³	$3.50 \times 6.00 \mathrm{m}$		
15 m³	$3.50 \times 7.00 \mathrm{m}$		

Approximate net size for containers

container size	net size
2.30 × 5.00 m	$3.50 \times 6.00 \mathrm{m}$
$2.30 \times 5.50 \text{ m}$	$3.50 \times 7.00 \mathrm{m}$
$2.30 \times 6.00 \mathrm{m}$	$3.50 \times 7.50 \mathrm{m}$
$2.30 \times 6.50 \mathrm{m}$	$3.50 \times 8.00 \text{ m}$



Container cover nets with a standard width of 3.50 m (without shock cord)

Made of high-tenacity polypropylene and designed for safely transporting or covering laden skips.

All nets have a secure selvedge edge.

Nets are also available with binding ropes or shock cords (see page 20).

Made of high tenacity polypropylene



No. 2046-045-06 with shock cord (see page 20)

2292-020-01

2033-100-01

2033-100-04

€ 85,75

€ 53,90

€ 53,90

Net size: $3.50 \text{ m} \times 5 \text{ m}$

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
	2.3 mm	Green	2041-045-01	€ 35,00
	2.5 mm	Black	2046-045-06	€ 36,75
45 mm	3.0 mm	Green	2030-045-01	€ 43,75
43 11111	3.0 mm	Blue	2030-045-04	€ 43,75
	4.0 mm	Green	2151-045-01	€ 78,75
	4.0 mm	Blue	2151-045-04	€ 78,75
30 mm	1.5 mm	Black	2034-030-06	€ 35,85
30 111111	2,5 mm	Black	2056-030-06	€ 47,25
20 mm	1.8 mm	Black	2261-020-06	€ 52,50
20 mm	2.3 mm	Green	2291-020-01	€ 61,25
100 mm	4.0 mm	Green	2032-100-01	€ 38,50
IUU MM	4.0 mm	Blue	2032-100-04	€ 38,50

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
	2.3 mm	Green	2042-045-01	€ 49,00
	2.5 mm	Black	2047-045-06	€ 51,45
45 mm	3.0 mm 4.0 mm	Green	2031-045-01	€ 61,25
43 111111		Blue	2031-045-04	€ 61,25
		Green	2152-045-01	€ 110,25
		Blue	2152-045-04	€ 110,25
20 mm	1.5 mm	Black	2035-030-06	€ 50,25
30 mm	2.5 mm	Black	2057-030-06	€ 66,15
	1.8 mm	Black	2262-020-06	€ 73.50

Green

Green

Blue

Net size: $3.50 \text{ m} \times 7 \text{ m}$

Net size: $3.50 \text{ m} \times 6 \text{ m}$

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
	2.3 mm	Green	2043-045-01	€ 42,00
45 mm	3.0 mm	Green	2028-045-01	€ 52,50
	3.0 111111	Blue	2028-045-04	€ 52,50
30 mm	2.5 mm	Black	2058-030-06	€ 56,70
100 mm	4.0 mm	Green	2038-100-01	€ 46,20

Net size: $3.50 \,\mathrm{m} \times 8 \,\mathrm{m}$

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
	2.3 mm	Green	2044-045-01	€ 56,00
45 mm	3.0 mm	Green	2029-045-01	€ 70,00
	3.0 111111	Blue	2029-045-04	€ 70,00
30 mm	2.5 mm	Black	2059-030-06	€ 75,60
100 mm	4.0 mm	Green	2039-100-01	€ 61,60

Supplied by the metre: width 3.50 m, any length

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
AE mm	2.3 mm	Green	200A045-01	€ 2,75
45 mm	3.0 mm	Green	209A045-01	€ 3,50

Surcharges for Articles 200A045 and 209A045 each single net

each single net.

20 mm

100 mm

2.3 mm

4.0 mm

Nets under $1 \text{ m}^2 + 200 \% \mid \text{under } 5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \% \mid \text{under } 20 \text{ m}^2 + 20 \%$

Shock cords for securing nets are found on page 20.



No. 2331-045-01 including shock cord

Container cover nets with a standard width of 3.50 m with shock cord

The nets' flexibility allows them to adapt to the shape of different loads and compensate for changes in volume. **Made of high tenacity polypropylene**



Net size: $3.50 \text{ m} \times 5 \text{ m}$, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
	2.3 mm	Green	2341-045-01	€ 51,25
45 mm	2 0 mm	Green	2330-045-01	€ 59,90
	3.0 mm	Blue	2330-045-04	€ 59.90

Not size:	2 50 m	~ 6 m	incl	shock core	4
Net size:	5.5U M	x o m.	. inci. :	SNOCK COR	1

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	2.3 mm	Green	2343-045-01	€ 60,05
	2 0 mm	Green	2328-045-01	€ 70,55
	3.0 mm	Blue	2328-045-04	€ 70.55

Net size: 3.50 m \times 7 m incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	2.3 mm	Green	2342-045-01	€ 68,95
	2.0	Green	2331-045-01	€ 81,20
	3.0 mm	Blue	2331-045-04	€ 81,20

Net size: 3.50 m \times 8 m, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	2.3 mm	Green	2344-045-01	€ 77,85
	2.0	Green	2329-045-01	€ 91,85
	3.0 mm	Blue	2329-045-04	€ 91,85

All nets on this page come with a 6 mm thick shock cord.

The shock cord is already integrated in the net.

For further securing devices see page 20.



Container cover nets with a standard width of 3 m (without shock cord)

Made from high-tenacity polypropylene for safely transporting or covering laden containers.

The flexibility of net allows it to adapt to the shape of different loads and compensate for changes in volume.

Made of high tenacity polypropylene



Cover net with shock cord (see page 20)

Net size: $3 \text{ m} \times 5 \text{ m}$

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	2.3 mm	Green	20411-045-01	€ 30,00
	3.0 mm	Green	20301-045-01	€ 38,50

Net size: $3 \text{ m} \times 6 \text{ m}$

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	2.3 mm	Green	20431-045-01	€ 36,00
	3.0 mm	Green	20281-045-01	€ 45,00

Net size: $3 \text{ m} \times 7 \text{ m}$

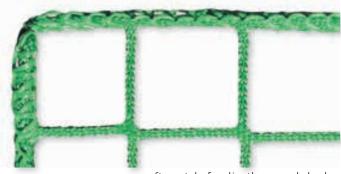
Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45	2.3 mm	Green	20421-045-01	€ 42,00
45 mm	3.0 mm	Green	20311-045-01	€ 52,50

Net size: $3 \text{ m} \times 8 \text{ m}$

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	2.3 mm	Green	20441-045-01	€ 48,00
	3.0 mm	Green	20291-045-01	€ 60,00

Supplied by the metre: width 3 m, any length

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
45 mm	2.3 mm	Green	200P045-01	€ 2,75
	3.0 mm	Green	209P045-01	€ 3,50



Strong net edge: Every skip net has a secure selvedge edge.

Made-to-measure cover nets for containers, with different material thicknesses and mesh sizes, can be found on page 11.

Minimum order surcharge for Articles 200P045 and 209P045 each single net.

Nets under $1 \text{ m}^2 + 200 \% \mid \text{under } 5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \% \mid \text{under } 20 \text{ m}^2 + 20 \%$

Shock cords for securing nets are found on page 20.



No. 23311-045-01 incl. shock cord

Container cover nets with a standard width of 3 m with shock cord

Made from high-tenacity polypropylene for safely transporting or covering loaded containers.

The nets' flexibility allows them to adapt to the shape of different loads and compensate for changes in volume.

Made of high tenacity polypropylene

Net size: 3 m \times 5 m, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	2.3 mm	Green	23411-045-01	€ 45,20
	3.0 mm	Green	23301-045-01	€ 53,70
	3.0 111111	Blue	23301-045-04	€ 53,70

Net size: 3 m \times 6 m, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	2.3 mm	Green	23431-045-01	€ 53,10
	2.0	Green	23281-045-01	€ 62,10
	3.0 mm	Blue	23281-045-04	€ 62,10

Net size: 3 m \times 7 m, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	2.3 mm	Green	23421-045-01	€ 61,00
	2.0	Green	23311-045-01	€ 71,50
	3.0 mm	Blue	23311-045-04	€ 71,50

Net size: 3 m \times 8 m, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	2.3 mm	Green	23441-045-01	€ 68,90
	2.0	Green	23291-045-01	€ 80,90
	3.0 mm	Blue	23291-045-04	€ 80,90

All nets on this page come with a 6 mm thick shock cord.

The shock cord is already integrated in the net.

For further securing devices see page 20.



Standard cover nets for trailers/pallets



All nets on this page come with a 6 mm thick shock cord.

Made from high-tenacity polypropylene



Trailer nets in different sizes and thicknesses of material

Net size: $1.50 \text{ m} \times 2.20 \text{ m}$, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
30 mm	1.8 mm	Black	2354-030-06	€ 20,25
45 mm	3.0 mm	Green	2364-045-01	€ 23,55
100 mm	4.0 mm	Green	2374-100-01	€ 21,25

Net size: $1.50 \text{ m} \times 2.70 \text{ m}$ incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
30 mm	1.8 mm	Black	2355-030-06	€ 24,25
45 mm	3.0 mm	Green	2365-045-01	€ 28,25
100 mm	4.0 mm	Green	2375-100-01	€ 25,50

Net size: 2 m \times 3 m, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
30 mm	1.8 mm	Black	2350-030-06	€ 25,50
45 mm	3.0 mm	Green	2360-045-01	€ 30,00
100 mm	4.0 mm	Green	2370-100-01	€ 27,00

Net size: $2.50 \text{ m} \times 3.50 \text{ m}$, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
30 mm	1.8 mm	Black	2351-030-06	€ 34,85
45 mm	3.0 mm	Green	2361-045-01	€ 41,50
100 mm	4 0 mm	Green	2371-100-01	€ 37.10

Net size: 3 m \times 3.50 m, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
30 mm	1.8 mm	Black	2352-030-06	€ 38,20
45 mm	3.0 mm	Green	2362-045-01	€ 43,85
100 mm	4.0 mm	Green	2372-100-01	€ 40,00

Net size: 3 m \times 4 m, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
30 mm	1.8 mm	Black	2353-030-06	€ 42,80
45 mm	3.0 mm	Green	2363-045-01	€ 49,30
100 mm	4.0 mm	Green	2373-100-01	€ 45,00

Screw-in **hook**

Hook opening	Material	Art. No.	per piece
11 mm	Cast Iron	21291	€ 2,50
8 mm	Cast Iron	21292	€ 1,50
17 mm	Zinc-Nickel coated	21294	€ 0,80





No. 2541-045-01 in diamond mesh

Container cover nets for trailers

Made from high-tenacity polypropylene for securely transporting or covering loaded containers, in various sizes and designs.

A particularly economic option is the version in diamond mesh. Nets are also available with square mesh, edging ropes or shock cords (see page 20).

In high-tenacity polypropylene

Square mesh, 45 mm, without shock cord

Dimensions in m, approx.	Material dia approx.	Colour	Art. No.	per piece
1.50 × 2.20	2.3 mm	Green	2494-045-01	€ 13,20
1.30 × 2.20	3.0 mm	Green	2464-045-01	€ 16,50
1.50 > 2.70	2.3 mm	Green	2495-045-01	€ 14,60
1.50×2.70	3.0 mm	Green	2465-045-01	€ 18,25
2.00 2.00	2.3 mm	Green	2490-045-01	€ 16,20
2.00×3.00	3.0 mm	Green	2460-045-01	€ 20,25
2.502.50	2.3 mm	Green	2491-045-01	€ 23,50
2.50×3.50	3.0 mm	Green	2461-045-01	€ 29,50
2.00 2.50	2.3 mm	Green	2492-045-01	€ 25,20
3.00×3.50	3.0 mm	Green	2462-045-01	€ 31,50
2.00 > 4.00	2.3 mm	Green	2493-045-01	€ 28,80
3.00×4.00	3.0 mm	Green	2463-045-01	€ 36,00

Diamond mesh, 45 mm, 2 sides with elastic edge stitch

Dimensions in m, approx.	Material dia approx.	Colour	Art. No.	per piece
1.50×2.20	2.5 mm	Green	2544-045-01	€ 12,00
1.50×2.70	2.5 mm	Green	2545-045-01	€ 13,20
2.00×3.00	2.5 mm	Green	2540-045-01	€ 14,60
2.50×3.50	2.5 mm	Green	2541-045-01	€ 21,50
3.00×3.50	2.5 mm	Green	2542-045-01	€ 22,75
3.00×4.00	2.5 mm	Green	2543-045-01	€ 26,00

Made-to-measure cover nets for containers, with different material thicknesses and mesh sizes, can be found on page 11.



Cover net with diamond mesh and elastic edging.

Standard cover nets for truck beds with 6–9 mm integral surround rope



In high-tenacity polypropylene

See page 20 for fastening materials and additional ropes.



Trailer nets in different sizes and material thicknesses

Net size: 2.70 m × 2.50 m, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	3.0 mm	Green	2366-045-01	€ 35,40
100 mm	5.0 mm	Black	2386-100-06	€ 39,00

Net size: $2.70 \text{ m} \times 2.50 \text{ m}$

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	3.0 mm	Green	2466-045-01	€ 25,50
100 mm	5.0 mm	Black	2486-100-06	€ 29,50

Net size: $2.70 \text{ m} \times 3.10 \text{ m}$, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	3.0 mm	Green	2367-045-01	€ 42,75
100 mm	5.0 mm	Black	2387-100-06	€ 47,50

Net size: $2.70 \text{ m} \times 3.10 \text{ m}$

	Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
Ξ	45 mm	3.0 mm	Green	2467-045-01	€ 32,00
Π	100 mm	5.0 mm	Black	2487-100-06	€ 36,00

Net size: $2.70 \text{ m} \times 3.50 \text{ m}$, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	3.0 mm	Green	2368-045-01	€ 47,50
100 mm	5.0 mm	Black	2388-100-06	€ 52,50

Net size: $2.70 \text{ m} \times 3.50 \text{ m}$

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	3.0 mm	Green	2468-045-01	€ 35,75
100 mm	5.0 mm	Black	2488-100-06	€ 40,75

Net size: 2.70 m \times 4.10 m, incl. shock cord

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	3.0 mm	Green	2369-045-01	€ 50,00
100 mm	5.0 mm	Black	2389-100-06	€ 55,00

Net size: $2.70 \text{ m} \times 4.10 \text{ m}$

	Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
Ī	45 mm	3.0 mm	Green	2469-045-01	€ 37,50
	100 mm	5.0 mm	Black	2489-100-06	€ 42,50

European patent no. 22 85 456

Cover net with alternating colour pattern (chequered pattern)

in approx. 3.5 mm high-tenacity polypropylene, with approx. 45 mm hexagonal mesh, incl. 6 mm shock cord.

Net size	Art. No.	per piece
2×3 m	3360-045-76	€ 30,00
3×5 m	33301-045-76	€ 59,90



No. 209-045-04 with shock cord (see page 20)

Container nets in any dimensions

Made from high-tenacity polypropylene and designed for safely transporting or covering laden containers.

All nets have a secure selvedge edge.

The flexibility of net allows it to adapt to the shape of different loads and compensate for changes in volume.

Made from high-tenacity polypropylene

Container nets in any dimensions

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
20 mm	1.8 mm	Black	201-020-06	€ 4,30
20 111111	2.3 mm	Green	200-020-01	€ 6,15
20	1.5 mm	Black	203-030-06	€ 2,60
30 111111	30 mm 1.8 mm	Black	201-030-06	€ 3,40
	2.3 mm	Green	200-045-01	€ 3,40
		Black	200-045-06	€ 3,40
45 mm	45 mm 3.0 mm • Green • Blue • Green	Green	209-045-01	€ 4,20
43 111111		Blue	209-045-04	€ 4,20
		Green	215-045-01	€ 6,35
	4.0 mm	Blue	215-045-04	€ 6,35
100 mm	4.0 mm	Green	215-100-01	€ 3,40
100 111111	100 mm 4.0 mm	Blue	215-100-04	€ 3,40

Surcharges each net:

Nets under $1 \text{ m}^2 + 200 \%$

Nets under $5 \text{ m}^2 + 100 \%$

Nets under 10 m $^2+$ 35 %

Nets under 20 $m^2 + 20 \%$

Except those in standard measurements.

All nets have a reinforced edge of approx. $5-7\,\mathrm{mm}$ dia. which is included in the price per square metre.

Shock cords for securing nets can be found on page 20.

Approx. net sizes for skips

skip size	net size
$3 - 5 \text{ m}^3$	$3.00 \times 4.50 \mathrm{m}$
$6 - 8 \text{m}^3$	$3.50 \times 5.00 \mathrm{m}$
10 m ³	$3.50 \times 5.50 \mathrm{m}$
12 m³	$3.50 \times 6.00 \mathrm{m}$
15 m ³	$3.50 \times 7.00 \mathrm{m}$

Approx. net sizes for containers

container size	net size
$2,30 \times 5,00 \text{ m}$	$3.50 \times 6.00 \text{ m}$
$2,30 \times 5,50 \text{ m}$	$3.50 \times 7.00 \text{ m}$
$2,30 \times 6,00 \text{ m}$	$3.50 \times 7.50 \mathrm{m}$
$2,30 \times 6,50 \text{ m}$	$3.50 \times 8.00 \text{ m}$



No. 209 Blue, knotless, high-tenacity polypropylene, dia. approx. 3 mm



No. 215 Green, knotless, high-tenacity polypropylene, dia. approx. 4 mm

Air-permeable container cover sheets. Standard sizes for containers and skips.

These plastic covers are particularly suitable for preventing sand, gravel and similar small particles from being blown away.

The covers are made from UV-resistant, air-permeable fabric with reinforced edging and lashing eyes every 0.50 m.

The air-permeable material prevents the covers from bellying out in a strong wind, or when containers are being moved.



No. 7201-015 with shock cord (see page 20)

Net size: $3.50 \text{ m} \times 5 \text{ m}$

Weight g/m²	Material	Colour	Art. No.	per piece
180	PE-Monofilament	Black	7701-06	€ 49,00
200	PE-Tape	Dark green	7201-015	€ 57,75
240	PE-Tape	Black	7601-06	€ 84,00

Net size: $3.50 \text{ m} \times 6 \text{ m}$

Weight g/m²	Material	Colour	Art. No.	per piece
180	PE-Monofilament	Black	7706-06	€ 58,80
200	PE-Tape	Dark green	7206-015	€ 68,25
240	PE-Tape	Black	7606-06	€ 99,75

Net size: $3.50 \text{ m} \times 7 \text{ m}$

Weight g/m²	Material	Colour	Art. No.	per piece
180	PE-Monofilament	Black	7702-06	€ 68,60
200	PE-Tape	Dark green	7202-015	€ 79,65
240	PE-Tape	Black	7602-06	€ 116,50

Net size: $3.50 \text{ m} \times 8 \text{ m}$

Weight g/m²	Material	Colour	Art. No.	per piece
180	PE-Monofilament	Black	7708-06	€ 78,40
200	PE-Tape	Dark green	7208-015	€ 91,00
240	PE-Tape	Black	7608-06	€ 133,00

Air-permeable standard cover sheets

in approx. 200 g/m² PE Tape, w/o shock cord, other sizes

Dimensions in m, approx.	Colour	Art. No.	per piece
$3.00 \times 5.00 \mathrm{m}$	Dark green	7221-015	€ 55,50
$3.00 \times 6.00 \mathrm{m}$	Dark green	7226-015	€ 64,80
$3.00 \times 7.00 \text{m}$	Dark green	7222-015	€ 72,45
$3.00 \times 8.00 \mathrm{m}$	Dark green	7228-015	€ 80,40
$2.30 \times 5.00 \mathrm{m}$	Dark green	7229-015	€ 48,30

Supplied by the metre: width 3.5 m, any length

Weight g/m²	Material	Colour	Art. No.	per m²
200	PE-Tape	 Dark green 	723-015	€3,70



No. 7201-015 Dark Green, Polyethylene tape, approx. 200 g/m²



No. 7701-06 Black, Polyethylene-monofilament, approx. 180 g/m²

Minimum order surcharge for Article No. 723-015 each single sheet:

Sheets under $1 \text{ m}^2 + 200 \% \mid \text{under } 5 \text{ m}^2 + 100 \%$ Sheets under $10 \text{ m}^2 + 35 \% \mid \text{under } 20 \text{ m}^2 + 20 \%$

See page 20 for shock cords and other fastening options for cover sheets.



Air-permeable container cover sheets (including shock cord). Standard sizes for skips and containers.

The covers are made from UV-resistant, air permeable fabric with reinforced edging and lashing eyes every 0.50 m.

Air-permeable container cover sheets (including shock cord)

Standard sizes for skips and containers.

Dimensions in m, approx.	Weight g/m²	Material	Colour	Art. No.	per piece
3.50 m × 5 m	200	PE-Tape	 Dark green 	72011-015	€ 73,85
$3.50 \mathrm{m} \times 6 \mathrm{m}$	200	PE-Tape	Dark green	72061-015	€ 87,40
$3.50 \text{ m} \times 7 \text{ m}$	200	PE-Tape	Dark green	72021-015	€ 100,70
$3.50 \text{ m} \times 8 \text{ m}$	200	PE-Tape	 Dark green 	72081-015	€ 114,15
$3 \text{ m} \times 5 \text{ m}$	200	PE-Tape	Dark green	72211-015	€ 70,05
$3 \mathrm{m} \times 6 \mathrm{m}$	200	PE-Tape	 Dark green 	72261-015	€ 81,90
$3 \text{ m} \times 7 \text{ m}$	200	PE-Tape	 Dark green 	72221-015	€ 92,40
$3 \text{ m} \times 8 \text{ m}$	200	PE-Tape	 Dark green 	72281-015	€ 102,50
$2.30 \mathrm{m} \times 5 \mathrm{m}$	200	PE-Tape	 Dark green 	72291-015	€ 62,50

All covers on this page are available with a 6 mm thick shock cord!

Approx. net sizes for skips

Approx. net sizes for containers

skip size	net size	CO
3 – 5 m ³	3.00 × 4.50 m	2
$6 - 8 \text{m}^3$	$3.50 \times 5.00 \mathrm{m}$	2
10 m ³	$3.50 \times 5.50 \mathrm{m}$	2
12 m ³	$3.50 \times 6.00 \mathrm{m}$	2
15 m ³	$3.50 \times 7.00 \text{ m}$	

container size	net size
$2,30 \times 5,00 \mathrm{m}$	$3.50 \times 6.00 \mathrm{m}$
$2,30 \times 5,50 \mathrm{m}$	$3.50 \times 7.00 \mathrm{m}$
$2,30 \times 6,00 \mathrm{m}$	$3.50 \times 7.50 \mathrm{m}$
$2,30 \times 6,50 \mathrm{m}$	$3.50 \times 8.00 \mathrm{m}$

Heavy breathable plastic sheets In standard dimensions

Made from UV-resistant breathable fabric with reinforced edging and eyelets 16 mm in diameter 50 cm apart.

Particularly thick and heavy.

Other shock cords for securing sheets can be found on page 20.



No. 77536-04 including shock cord

Heavy breathable plastic sheets with air permeability of approx. 10%

incl. shock cord

Dimensions in m, approx.	Weight g/m²	Material	Colour	Art. No.	per piece
2.90 m × 5 m	320	PE Raschel	Blue	77531-04	€ 108,75
$2.90 \mathrm{m} \times 6 \mathrm{m}$	320	PE Raschel	Blue	77536-04	€ 130,50
$2.90 \mathrm{m} \times 7 \mathrm{m}$	320	PE Raschel	Blue	77532-04	€ 152,25
2.90 m × 8 m	320	PE Raschel	Blue	77538-04	€ 174,00

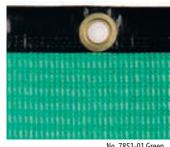
Heavy breathable plastic sheets with air permeability of approx. 50%

without shock cord

Dimensions in m, approx.	Weight g/m²	Material	Colour	Art. No.	per piece
3.15 m × 5 m	550	Polypropylene	Green	7851-01	€ 110,25
$3.15 \mathrm{m} \times 7 \mathrm{m}$	550	Polypropylene	Green	7852-01	€ 154,35



No. 77531-04 Blue, Polyethylene, approx. 320 g/m²



No. 7851-01 Green, Polypropylene, approx. 550 g/m²



No. 7218-015 incl. shock cord

Air-permeable synthetic sheets incl. shock cord in standard sizes for trailers.

The covers are made from UV-resistant, air-permeable fabric with reinforced edging and lashing eyes every 0.50 m.

All covers on this page are available with a 6 mm thick shock cord!

Net size: 1.50 m \times 2.20 m, incl. shock cord

Weight g/m²	Material	Colour	Art. No.	per piece
200	PE-Tape	Dark green	7217-015	€ 34,10
240	PE-Tape	Black	7617-06	€ 40,70

Net size: 1.50 m \times 2.70 m, incl. shock cord

Weight g/m²	Material	Colour	Art. No.	per piece
200	PE-Tape	 Dark green 	7218-015	€ 41,20
240	PE-Tape	Black	7618-06	€ 49,30

Net size: $2 \text{ m} \times 3 \text{ m}$, incl. shock cord

Weight g/m²	Material	Colour	Art. No.	per piece
200	PE-Tape	 Dark green 	7213-015	€ 42,60
240	PE-Tape	Black	7613-06	€ 48,60

Net size: $2.50 \text{ m} \times 3.50 \text{ m}$, incl. shock cord

Weight g/m²	Material	Colour	Art. No.	per piece
200	PE-Tape	 Dark green 	7214-015	€ 45,85
240	PE-Tape	Black	7614-06	€ 62,15

Net size: $3 \text{ m} \times 3.50 \text{ m}$, incl. shock cord

Weight g/m²	Material	Colour	Art. No.	per piece
200	PE-Tape	 Dark green 	7215-015	€ 49,60
240	PE-Tape	Black	7615-06	€ 74,60

Net size: 3 m \times 4 m, incl. shock cord

Weight g/m²	Material	Colour	Art. No.	per piece
200	PE-Tape	 Dark green 	7216-015	€ 56,70
240	PE-Tape	Black	7616-06	€ 79,20

Reinforced or shaped corners available on request!

Approximate cover dimensions for trailer/pallet sizes

Trailer / Pallet Size	Size of cover required
$1.30 \times 2.50 \mathrm{m}$	$2.00 \times 3.00 \mathrm{m}$
$1.50 \times 3.00 \text{m}$	$2.50 \times 3.50 \mathrm{m}$
$2.00 \times 2.70 \mathrm{m}$	$3.00 \times 3.50 \mathrm{m}$
$2.20 \times 3.60 \mathrm{m}$	$3.00 \times 4.00 \text{m}$

Air-permeable synthetic sheets incl. shock cord in standard sizes for truck beds.

The covers are made of UV-resistant, air permeable fabric with reinforced edging and lashing eyes every 0.50 m.

All covers on this page are available with a 6 mm thick shock cord!



No. 7667-06 incl. shock cord

Net size: $2.70 \text{ m} \times 2.50 \text{ m}$, incl. shock cord

Weight g/m²	Material	Colour	Art. No.	per piece
200	PE-Tape	Dark green	7266-015	€ 40,35
240	PE-Tape	Black	7666-06	€ 45,10

Net size: $2.70 \text{ m} \times 3.10 \text{ m}$, incl. shock cord

Weight g/m²	Material	Colour	Art. No.	per piece
200	PE-Tape	 Dark green 	7267-015	€ 57,85
240	PE-Tape	Black	7667-06	€ 69,15

Net size: $2.70 \text{ m} \times 3.50 \text{ m}$, incl. shock cord

Weight g/m²	Material	Colour	Art. No.	per piece
200	PE-Tape	 Dark green 	7268-015	€ 64,65
240	PE-Tape	Black	7668-06	€ 77,40

Net size: 2.70 m \times 4.10 m, incl. shock cord

Weight g/m²	Material	Colour	Art. No.	per piece
200	PE-Tape	 Dark green 	7269-015	€ 68,30
240	PE-Tape	Black	7669-06	€ 81,70

Screw-in **hook**.

Hook opening	Material	ArtNo.	per piece
11 mm	Cast Iron	21291	€ 2,50
8 mm	Cast Iron	21292	€ 1,50
17 mm	Zinc-Nickel coated	21294	€ 0,80





Polyethylene, approx. 200 g/m²



Polyethylene, approx. $240~g/m^2$



No. 760-06 with shock cord (see page 20)

Air-permeable plastic covers in any dimensions as required

Made from UV-resistant, air-permeable fabric with reinforced edging and lashing eyes every 0.50 m.

The air-permeable material prevents the covers from billowing out in a strong wind, or when containers are being moved.

Breathable container cover sheets protect the load from dust, dirt and sunshine.

Air-permeable plastic covers in any dimensions as required, per m²

Weight g/m²	Material	Colour	Art. No.	per m²
200	Polyethylene	Dark green	720-015	€ 4,70
220	Polyethylene	Dark green	765-015	€ 6,00
240	Polyethylene	Black	760-06	€ 5,80
320	Polyethylene	Blue	775-04	€7,70
450	PES woven mesh fabric	Green	790-01	€7,70
450	Jute fabric	Hemp coloured	795-08	€ 9,90
550	Polypropylene	Green	785-01	€7,70

Minimum order surcharge for each cover:

Covers under $1 \text{ m}^2 + 200 \%$

Covers under $5 \text{ m}^2 + 100 \%$

Covers under 10 m $^2+~35~\%$

Covers under 20 $m^2 + 20 \%$

This does not apply to standard dimension air-permeable covers.

Lashing and tensioning options for container cover sheets can be found on pages 20 and 27.

Reinforced or shaped corners available on request!

Take a look at our wire rope nets for extreme loads on page 69. For scrap metal containers, building rubble, etc.



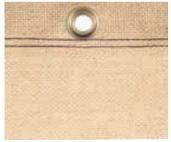
No. 760-06 Black, Polyethylene, approx. 240 g/m²



No. 790-01 Green, Polyester, approx. 450 g/m²



No. 785-01 Green Polypropylene, approx. 550 g/m²



No. 795-08 Hemp coloured, Jute fabric, approx. 450 g/m²

Airtight tarpaulins

For protection against weather, dirt and dust.

Environmentally friendly, recyclable and UV-stabilised.

Airtight tarpaulin surcharges for No. 340-025:

Tarpaulins of less than $1 \text{ m}^2 + 200 \text{ }\%$ Tarpaulins of less than $5 \text{ m}^2 + 100 \text{ }\%$ Tarpaulins of less than $10 \text{ m}^2 + 35 \text{ }\%$ Tarpaulins of less than $20 \text{ m}^2 + 20 \text{ }\%$



No. 35103-025 (inset) and No. 35002-04

HUCK Cover Sheet in standard sizes

Tarpaulin cover sheets made of coated polypropylene, approx. 220 g/m², with 5 cm wide strips of eyelets, 10 cm apart, for securing the sheet.

Size in m	Weight approx. g/m²	Colour	Art. No.	per piece
3× 4	220	Blue*	35001-04	€ 22,80
4× 5	220	White	35002-04	€ 38,00
6× 8	220	Blue*	35003-04	€ 91,20
6×10	220	White	35004-04	€ 114,00

^{*} In blue whilst stocks last then in the colour white.

Tarpaulin cover sheets with alum. eyelets 100 cm apart, approx 150 g/m 2 , with edged PE cord, UV stabilised. Tear resistance approx. 515 N/5cm

Size in m	Weight approx. g/m²	Colour	Art. No.	per piece
6×10	150	Natural	35101-025	€ 57,00
8 × 10	150	Natural	35102-025	€ 76,00
10×12	150	Natural	35103-025	€ 114,00
10×15	150	Natural	35104-025	€ 142,50

HUCK Cover Sheet in any size

Made of coated woven HDPE mesh with a seam all the way round and eyelets 50 cm apart. Lateral and lengthways tear resistance: approx. $880 \, \text{N/5} \, \text{cm}$. Temperature-resistant: $-400 \, \text{to} + 800$.

Material	Weight approx. g/m²	Colour	Art. No.	per m²
НДТаре	180	Natural	340-025	€ 4,70

Shock cord for fixation, threaded into the sheets

Material	Material dia	Colour	Art. No.	per metre
Elastic stretch cord	6 mm	White with Huck-stripes	2126	€ 1,00
Polyethylene rope	6 mm	Green	2130-01	€ 0,60

HUCK Cover Sheets by the roll

Made of coated woven HDPE mesh with a seam all the way round. Lateral and lengthways tear resistance: approx. 880 N/5 cm. Temperature-resistant: -400 to +800.

Size in m	Weight approx. g/m²	Colour	Art. No.	per roll
4×100	180	Natural	34005-025	€ 640,00

Cannot be supplied in special sizes.



Pallet-securing nets made from high tenacity Polypropylene

with **diamond mesh**, elastic cord on surrounding edge (approx. 8 mm dia.), per piece

For pallet size: $80 \text{ cm} \times 120 \text{ cm} \times 1 \text{ m}$ height or $100 \text{ cm} \times 120 \text{ cm} \times 1 \text{ m}$ height

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	3 mm	Green	2055-045-01	€ 33,00
100 mm	3 mm	Green	2055-100-01	€ 23,50

Elastic pallet-securing net in high-tenacity polypropylene / elastane

Diagonal mesh, edged all round with elastic cord (approx. 4 mm thick).

Net size: 25×27 holes for container sizes of approx. 60×80 cm

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece	
20 mm	1.8 mm	Black	3055-020-06	€ 12,50	
Net size: 25×35 holes for container sizes of approx. 80×120 cm					
25 mm	2.5 mm	Black	3156-025-06	€ 25.00	







Securing net in elasticated netting

For other sizes of securing nets for warehouse use in square-mesh, non-stretch netting, see pages 46 + 47.

Safety net for loading and unloading steel girders and profiled sheeting, etc.

made from high tenacity polypropylene, approx. 5 mm, with integrated cord (12 mm, 30 kN).

This net protects people working on a lorry while it is being loaded or unloaded. The system has been developed by Easi-edge, Great Britain.

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
70 mm	5 mm	Red	1903-070-07	€ 6,50
100 mm	5 mm	Red	1903-100-07	€ 4,10



Load securing nets made from H.T. polypropylene

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
45 mm	5 mm	Green	212-045-01	€ 6,90
60 mm	5 mm	Green	212-060-01	€ 6,35

Surcharges for articles 212 and 1903 each single net:

Nets under $1 \text{ m}^2 + 200 \%$ | under $5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \%$ | under $20 \text{ m}^2 + 20 \%$

Shock cords for securing sheets can be found on page 20.

Accessories

Lashing ropes

Lashing ropes must be twice the length of the net.

Material	Material dia approx.	Colour	Art. No.	per metre
Nylon	8 mm	White	2132-02	€ 1,05
Nylon	12 mm	O White	2136-02	€ 1,60

Shock cords, fixed lengths

With a hook or hooks and fastener at both ends of the cord.

Hooks	Material dia approx.	Length	Art. No.	per piece
Adjustable	8 mm	80 cm	2115	€ 2,80
Not- adjustable	8 mm	80 cm	2125	€ 1,60
With hooks + Ropeseals	10 mm	20 m	2129-04 (• Blue)	€ 35,00

Shock cords in any length

without hooks on the end.

Material dia approx.	Colour	Art. No.	per metre
6 mm	O White with Huck-stripes	2126	€ 1,00
8 mm	Green	2127-01	€ 1,25
10 mm	Blue	2128-04	€ 1,50

Stretch loops

 $made\ from\ a\ 6\ mm\ dia.\ elastic\ stretch\ rope\ and\ plastic\ coated\ steel\ hooks.$

Total length	Art. No.	per piece
12 cm	2124	€ 0,80

Sandowclick with shock rope.

Total length	Art. No.	per piece	
80 cm	21251	€ 1,80	

Screw-in hook

Hook opening	Material	ArtNo.	per piece
11 mm	Cast Iron	21291	€ 2,50
8 mm	Cast Iron	21292	€ 1,50
17 mm	Zinc-Nickel coated	21294	€ 0,80

Plastic hooks (2 parts)

Description	Art. No.	per piece
for 6 mm rope	21253	€ 0,80
for 8 mm rope	21254	€ 1,50

Attachment hooks for shock cords in any length.

rope diameter	Art. No.	per piece
8 mm and 10 mm	21293	€ 1,25



Attachment options for rubber tension cords

Sandowclick – efficient fastener for up to 8 mm thick shock cords, without sharp edges, easy to grasp.

Description	Art. No.	per piece
for 8 mm rope	21252	€ 0,50

Holdon – clip for fixing ropes up to 8 mm from cover edge.

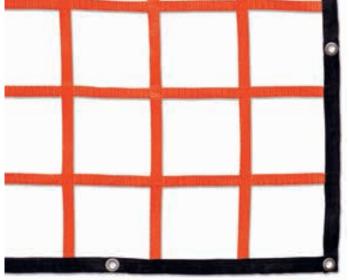
Description	Art. No.	per piece
Holdon-Clip	2155	€ 0,95

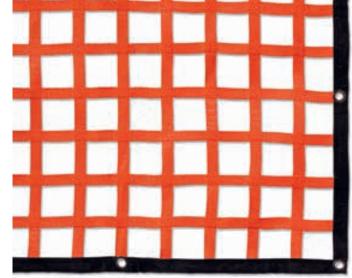




Shock ring - black, EPDM, UV-resistant, abrasion resistant.

Total length	Art. No.	per piece
40 cm	21255	€ 1,00





Knitted Webbing Nets



Our knitted webbing nets, patented under EP 3 208 374, are square mesh nets, with lashing straps which can be used as safety nets or sports nets among other things. The nets produced using this method, have the advantage that the nets are symmetrical from each side, since the mesh straps are produced using the same weaving technique longitudinally and transversally.

Knitted polyester webbing nets in orange, with edging all the way round and lashing points at 50 cm intervals, up to a width of 4 m (larger widths on request).

Alternatively, instead of lashing points and edging, the nets can be supplied with D-rings at 50 cm intervals.

Mesh size approx. mm	Width of bands	ArtNo.	per m²	
200 x 200	25 mm	6325-200-03	€ 20,00	
100 x 100	25 mm	6325-100-03	€ 40.00	



Huck Webbing Nets made of woven tapes (straps)

There are different options available for securing loads on vehicles.

Where possible loads should be secured using positive locking.

In many cases however a load can comprise several elements of different sizes with no defined points on which to attach a tension belt.

Practical load restraints should be usable with different types of goods and should not take too much time to fit.

Huck-webbing nets

- Carry the GS certification mark and are supplied with appropriate lashing straps
- Can be used flexibly as combination nets for different types of loads for example
- Can be used with positive locking (diagonal or transverse lashing) and friction locking (lashing down) and are available for all kinds of vehicle
- Have permanent labelling, are delivered with detailed instructions and can be individually configured
- Are delivered as a set with the appropriate tension belts.

This is an excerpt from our new webbing net brochure.

Webbing nets for cars with a lashing point of 350 daN will be available in future.



Webbing net for securing loads on vans, flatbed trucks and trailers

Webbing net 300-25-400 Webbing net 150-25-400

Lashing points (LC): 400 daN on

- vans permissible max. mass up to 2 t (under DIN 75410-3)
- flatbed trucks/trailers permissible max. mass up to 3.5 t(under DIN 75410-1)

With GS-mark and labelling following VDI 2700 sheet 3.3 and DIN EN 12195-2.



Huck webbing net 300-25-400 and 150-25-400

maximum loading weight

LC Lashing point 400 daN LC net total 1,300 daN

Calculation for 4 tension belts, 2 in each direction

Coefficient of friction µ		Maximum loading weight (kg) per net where						
		$\dot{\alpha} = 20^{\circ}, \beta = 6^{\circ}$	$\dot{\alpha} = 20^{\circ}, \beta = 55^{\circ}$	$\dot{\alpha} = 65^{\circ}, \beta = 6^{\circ}$	$\dot{\alpha} = 65^{\circ}, \beta = 55^{\circ}$			
Metal on metal	0.1	270	660	270	380			
Wood on wood Metal on wood	0.2	450	820	610	570			
Anti-slip mat	0.5	3,000	1,900	2,300	1,800			
Anti-slip mat	0.6	4,600	3,000	3,900	3,200			

Comments: Lengthwise acceleration coefficient: 0.8 / Crosswise acceleration coefficient: 0.5

Huck webbing net for vans and flatbed trucks with LC lashing point 400 daN

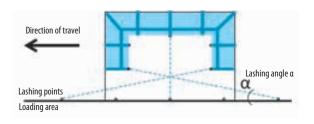
Dimensions (mm)	Mesh size (mm)	Strap width (mm)	Number of tension straps incl.	Model with fine-mesh cover net	Art. No.	per set
1525 × 3025	300/20	25	6	yes	59400K-320-03	€ 269,00
1525×3025	150	25	6	no	59400-150-03	€ 449,00
1525×4825	300/20	25	6	yes	59400K-320-04	€ 349,00
1525×4825	150	25	6	no	59400-150-04	€ 640,00



Webbing net as a set incl. appropriate tension straps



Testing and certification authority
Traffic and the Environment in the DGUV test





Webbing net for securing loads on vans, flatbed trucks and trailers

Webbing net 300-25-500 Webbing net 150-25-500

Lashing points (LC): 500 daN for

vans permissible max. mass from 2 t to 5 t (under DIN 75410-3)

With GS-mark and labelling following VDI 2700 sheet 3.3 and DIN EN 12195-2.

Huck webbing net 300-25-500 and 150-25-500

maximum loading weight

LC Lashing point LC net total 500 daN 1,300 daN

Calculation for 4 tension belts, 2 in each direction

Coefficient of friction µ		Maximum loading weight (kg) per net where						
		$\dot{\alpha} = 20^{\circ}, \beta = 6^{\circ}$	$\dot{\alpha} = 20^{\circ}, \beta = 55^{\circ}$	$\dot{\alpha} = 65^{\circ}, \beta = 6^{\circ}$	$\dot{\alpha} = 65^{\circ}, \beta = 55^{\circ}$			
Metal on metal	0.1	330	830	340	480			
Wood on wood Metal on wood	0.2	560	1,000	760	720			
Anti-slip mat	0.5	3,700	2,400	2,900	2,300			
Anti-slip mat	0.6	5,800	3,700	4,900	4,000			

Comments: Lengthwise acceleration coefficient: 0.8 / Crosswise acceleration coefficient: 0.5

Huck webbing net for vans and flatbed trucks with LC lashing point 500 daN

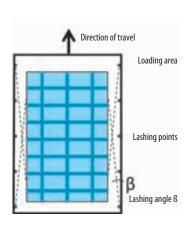
Dimensions (mm)	Mesh size (mm)	Strap width (mm)	Number of tension straps incl.	Model with fine-mesh cover net	Art. No.	per set
1525×3025	300/20	25	6	yes	59500K-320-03	€ 269,00
1525×3025	150	25	6	no	59500-150-03	€ 449,00
1525×4825	300/20	25	6	yes	59500K-320-04	€ 385,00
1525×4825	150	25	6	no	59500-150-04	€ 640.00



Fastening ring detail



Testing and certification authority Traffic and the Environment in the DGUV test.



Webbing net for securing loads on vans, flatbed trucks and trailers

Webbing net 300-25-800 Webbing net 150-25-800

Lashing points (LC): 800 daN for

- vans permissible max. mass from 5 t to 7.5 t (under DIN 75410-3)
- flatbed trucks/trailers permissible max. mass from 3.5 t to 7.5 t (under DIN EN 12640)

With GS-mark and labelling following VDI 2700 sheet 3.3 and DIN EN 12195-2.



Huck webbing net 300-25-800 and 150-25-800

maximum loading weight

LC Lashing point 800 daN (actual strain on the lashing strap however max. 600 daN)

LC net total 1,300 daN

Calculation for 4 tension belts, 2 in each direction

Coofficient of fric	tion II	Maximum loading weight (kg) per net where					
Coefficient of friction µ		$\dot{\alpha} = 20^{\circ}, \beta = 6^{\circ}$	$\dot{a} = 20^{\circ}, \beta = 55^{\circ}$	$\dot{\alpha} = 65^{\circ}, \beta = 6^{\circ}$	$\dot{a} = 65^{\circ}, \beta = 55^{\circ}$		
Metal on metal	0.1	405	1,000	410	580		
Wood on wood Metal on wood	0.2	670	1,200	910	860		
Anti-slip mat	0.5	4,500	2,800	3,500	2,800		
Anti-slip mat	0.6	6,900	4,500	5,800	4,800		

Comments: Lengthwise acceleration coefficient: 0.8 / Crosswise acceleration coefficient: 0.5

Huck webbing net for vans and flatbed trucks with LC lashing point 800 daN

Dimensions (mm)	Mesh size (mm)	Strap width (mm)	Number of tension straps incl.	Model with fine-mesh cover net	Art. No.	per set
1525×3025	300/20	25	6	yes	59800K-320-03	€ 325,00
1525×3025	150	25	6	no	59800-150-03	€ 499,00
1525×4825	300/20	25	6	yes	59800K-320-04	€ 445,00
1525×4825	150	25	6	no	59800-150-04	€ 695,00



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For other suitable lashing straps see page 27



Webbing net for securing loads on lorries

Webbing net 300-50-1000

Lashing points (LC): 1,000 daN for

 lorries permissible max. mass from 7.5 t to 12 t (under DIN EN 12640)

With labelling following VDI 2700 sheet 3.3 and DIN EN 12195-2.

Huck webbing net 300-50-1000

maximum loading weight

LC Lashing point 1,000 daN LC net total 5,600 daN

Calculation for 8 tension belts, 4 in each direction

Coefficient of friction µ		Maximum loading weight (kg) per net where					
		$\dot{\alpha} = 20^{\circ}, \beta = 6^{\circ}$	$\dot{a} = 20^{\circ}, \beta = 55^{\circ}$	$\dot{\alpha} = 65^{\circ}, \beta = 6^{\circ}$	$\dot{\alpha} = 65^{\circ}, \beta = 55^{\circ}$		
Metal on metal	0.1	1,300	3,300	1,300	1,900		
Wood on wood Metal on wood	0.2	2,200	4,100	3,000	2,800		
Anti-slip mat	0.5	15,000	9,600	11,800	9,400		
Anti-slip mat	0.6	23,600	15,100	19,600	16,000		

Comments: Lengthwise acceleration coefficient: 0.8 / Crosswise acceleration coefficient: 0.5

Huck webbing net for lorries with LC lashing point 1,000 daN

Dimensions (mm)	Mesh siz (mm)	ze Strap width (mm)	Number of tension straps incl.	Model with fine-mesh cover net	Art. No.	per set
3050×4250	300	50	8	no	591000-300-51	€ 699,00
3050×6050	300	50	8	no	591000-300-61	€ 799,00



Webbing net as a set incl. appropriate tension belts



Fixing ring detail



Edge protection for tension belts, see page 27.

Webbing net for securing loads on lorries

Webbing net 300-50-2000

Lashing points (LC): 2,000 daN for

lorries permissible max. mass over 12 t (under DIN EN 12640)

With labelling following VDI 2700 sheet 3.3 and DIN EN 12195-2.



Huck webbing net 300-50-2000

maximum loading weight

LC Lashing point 2,000 daN LC net total 5,600 daN

Calculation for 8 tension belts, 4 in each direction

Coefficient of friction µ		Maximum loading weight (kg) per net where					
Coefficient of fric	ιισιι μ	$\dot{\alpha} = 20^{\circ}, \beta = 6^{\circ}$	$\dot{a} = 20^{\circ}, \beta = 55^{\circ}$	$\dot{\alpha} = 65^{\circ}, \beta = 6^{\circ}$	$\dot{\alpha} = 65^{\circ}, \beta = 55^{\circ}$		
Metal on metal	0.1	1,800	4,600	1,900	2,700		
Wood on wood Metal on wood	0.2	3,100	5,700	4,200	4,000		
Anti-slip mat	0.5	21,000	13,000	26,000	13,000		
Anti-slip mat	0.6	32,000	21,000	27,000	22,000		

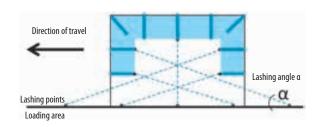
Comments: Lengthwise acceleration coefficient: 0.8 / Crosswise acceleration coefficient: 0.5

Huck webbing net for lorries with LC lashing point 2,000 daN

Dimensions (mm)	Mesh size (mm)	Strap width (mm)	Number of tension straps incl.	Model with fine-mesh cover net	Art. No.	per set
3050×4250	300	50	8	no	592000-300-51	€ 725,00
3050×6050	300	50	8	no	592000-300-61	€ 825,00



Anti-slip mats, see page 28



Buckle straps conform DIN EN 12195 / Edge protector

Tested for Huck webbing nets

Buckle straps to secure loads conform to DIN EN 12195, GS-tested.

Stretched, impregnated and abrasion-resistant strap.

... more lashing ropes can be found on Page 28.

Buckle strap width	Description	Art. No.	per piece	each metre
25 mm	1 piece, Standard length: 2 m permissible tensile force LC 350 daN = 1 part / loop	5502-025 (Type A)	€ 2,75	- or + € 0,65
25 mm	2 piece, Standard length: 2 m permissible tensile force LC 400 daN = 0.50 m short end + 1.50 m loose end	5500-025 (Type B)	€ 8,80	- or + € 0,65
35 mm	2 piece with light ratchet permissible tensile force LC 1,000 daN Standard length: 2 m = 0.50 m short end + 1.50 m loose end	5510-035 (Type C)	€ 15,20	- or + € 1,00





5500-025



Stretched, impregnated and abrasion-resistant strap with 4 black identity strips

Buckle strap width	Description	Art. No.	per piece	each metre
50 mm	2 piece with wire hooks, permissible tensile force LC 2,000 daN Standard length: 4 m = 0.50 m short end + 3.50 m loose	5519-050 (Type D)	€ 19,00	– or + € 1,30



Vehicle type	Permissible total	LC of lashing points	Type	Norm
Car	_	350 daN	Type A	DIN 75410-2
	up to 2 t	400 daN	Type B	
Vans	over 2 t up to 5 t	500 daN	Type B	DIN 75410-3
	over 5 t up to 7.5 t	800 daN	Type C	
Flatbed trucks /	up to 3.5 t	400 daN	Type B	DIN 75410-1
trailers	over 3.5 t up to 7.5 t	800 daN	Type C	DIN EN12640
Lorries	over 3.5 t up to 7.5 t	800 daN	Type C	
	over 7.5 t up to 12 t	1,000 daN	Type C	DIN EN 12640
	over 12 t	2,000 daN	Type D	



Testing and certification authority Traffic and the Environment in the DGUV test.

Edge protection for tension belts/lashing straps

Description	size	Art. No.	per piece
Plastic edge protection open for tension belts / lashing straps Size 130 × 95 mm. Smooth surface for soft materials, e.g. paper.	130 × 95 mm	559000	€ 2,20



Buckle straps conform DIN EN 12195-2

... more lashing ropes can be found on Page 27.

Buckle straps to secure loads conform to DIN EN 12195-2

Stretched, impregnated and abrasion-resistant strap.

Buckle strap width	Description	Art. No.	per piece	each metre
25 mm	1 piece, Standard length: 2 m permissible tensile force 1,000 daN (kp) = 1 part / loop	5501-025	€ 6,50	– or + € 0,65
35 mm	2 piece with heavy ratchet permissible tensile force 1,500 daN (kp)/ 3,000 daN (kp) Standard length: 2 m = 0.50 m short end + 1.50 m loose end	5511-035	€ 17,10	– or + € 1,10
	1 piece with light ratchet permissible tensile force 2,000 daN (kp) Standard length: 2 m = 1 part / loop	5512-035	€ 13,00	– or + € 1,00
	1 piece with heavy ratchet permissible tensile force 3,000 daN (kp) Standard length: 2 m = 1 part / loop	5513-035	€ 14,80	– or + € 1,10
50 mm with 4 black identity strips	1 piece, Standard length: 8 m = 1 part / loop permissible tensile force 4,000 daN (kp)	5520-050	€ 18,70	- or + € 1,30
	2 piece with double hook Standard length: 8 m = 0.50 m short end + 7.50 m loose end permissible tensile force 2,000 daN (kp) / 4,000 daN (kp)	5521-050	€23,70	– or + € 1,30
	2 piece with single hook Standard length: 8 m = 0.50 m short end + 7.50 m loose end permissible tensile force 2,000 daN (kp) / 4,000 daN (kp)	5522-050	€ 24,20	– or + € 1,30







Anti-slip mats

Glide coefficient of friction (in µ)	Dimensions	Art. No.	per piece
0.78	1,000 × 125 × 8 mm	59000-125	€ 3,85
0.78	$1,000 \times 250 \times 8 \text{ mm}$	59000-250	€ 5,85

Whether you are performing an evasive manoeuvre, fully applying the brakes or coping with uneven road surfaces your load should not move! **Anti-slip mats improve safety by increasing the friction between the load and the vehicle.** This is particularly important when transporting heavy goods because the anti-slip mat reduces the strain on the tensioning system.

Under VDI 2700 the maximum strain on anti-slip mats should be chosen so that it does not exceed 30% of the strain on the material thickness. For the above mat this is 125 t/m².

The anti-slip mats fulfil the requirements under VDI 2700, sheet 3.2, sheet 9 and sheet 15. Applications correspond to DIN 75410 und BGI 649.



Rolls, sheets and other sizes also available upon request!



Horizontal

pallet rack safety nets

The new DGUV 101-011 information sheet on safety nets also sets out rules for the assembly of horizontal pallet rack safety nets in Annex 2.

Area of application

Pallet rack safety nets protect persons from objects falling off racks into work areas and passageways.

Components

Pallet rack storage safety nets comprise:

A net that complies with net class A1 in accordance with DIN EN 1263-1, a reinforced net edging, although a mesh size no larger than 45mm, a steel wire with a minimum diameter of 6mm, fasteners between reinforced net edging and steel cable e. g. a carabiner hook or shackle with sufficient tensile strength and a cable tensioner with a tensile force corresponding to the wire diameter.

Dimensions

The smallest area of the pallet rack safety net must be at least 2 m². For rectangular safety nets the length of the shortest side must be at least 1.0 m.

Height of fall

Pallet rack storage nets are to be hung if possible at the same height as the work areas and passageways to be secured. The difference in height must not exceed 100 mm.

Fastening

The distance between the hanging points for the fastening of steel cables e. g. with ring eyelets, must not be greater than 1.0 m.

Pallet rack safety nets may be fastened to the hanging points using a carabiner hook or shackle for example.

To measure the hanging points a typical load P of 6 kN must also be supposed as a result of a fall at an angle of $a=45^{\circ}$.

To measure the building parts, typical loads of 4 kN,

 $6\,kN$ and $4\,kN$ must be taken into account at the unfavourable points.

Connections

If pallet rack safety nets are connected to each other, coupling rope must be used in such a way that there are no gaps of more than 45 mm on the seam and the nets cannot be displaced by more than 45 mm against each other.

Ageing test

Pallet rack safety nets have test mesh samples built in by the manufacturer, in order to be able to establish reduced rigidity of the net yarn as a result of ageing. For this proof must be given whereby at least 5 mesh samples from a net area of 1000 m² must be taken at different points that are exposed to UV. During the annual testing by a test body or the manufacturer it must be ensured that the minimum energy absorption/minimum mesh rigidity does not fall short of the value specified by the manufacturer.

The test method (generally speaking ISO 1806) is documented in EN 1263-1. There are also rules laid down in the appendix to the new DGUV (German testing and certification body) information on safety nets for the assembly of horizontal pallet rack safety nets.

Assembly accessories can be found on Page 31.

Horizontal pallet rack safety nets

from high-tenacity polypropylene

Mesh size approx.	Material dia. approx.	Colour	Art. No.	per m²
		Green	212-045-01	€ 6,90
45 mm	5 mm	Blue	212-045-04	€ 6,90
		Black	212-045-06	€ 6,90



Vertical pallet rack safety nets

Area of application

Safety measures must be fulfilled in high bay systems, so that the material being stored cannot fall out and in turn unsteady material does not injure any persons.

Pallet rack safety nets provide the solution to this.

Another advantage of these nets is that they provide protection for valuable goods against possible extensive damage from falling out.



Vertical pallet rack safety nets for different net sizes and heights

for one 2.70 m wide bay unit for different heights.

Mesh size: approx. 45 mm

Net size	Material dia. approx.	Colour	Art. No.	per piece
	3.0 mm	Green	25301-045-01	€ 29,40
$2.80 \mathrm{m} \times 3 \mathrm{m}$	3.0 111111	Blue	25301-045-04	€ 29,40
	5.0 mm	Blue	25501-045-04	€ 63,00
	2.0	Green	25302-045-01	€ 49,00
$2.80 \mathrm{m} \times 5 \mathrm{m}$	3.0 mm	Blue	25302-045-04	€ 49,00
	5.0 mm	Blue	25502-045-04	€ 105,00
2.80 m × 6 m	2.0	Green	25303-045-01	€ 58,80
	3.0 mm	Blue	25303-045-04	€ 58,80
	5.0 mm	Blue	25503-045-04	€ 126,00

for two 2.70 m wide bay units for different heights

Mesh size: approx. 45 mm

Net size	Material dia. approx.	Colour	Art. No.	per piece
	3.0 mm	Green	25304-045-01	€ 50,40
$5.60 \mathrm{m} \times 3 \mathrm{m}$	3.0 111111	Blue	25304-045-04	€ 50,40
	5.0 mm	Blue	25504-045-04	€ 117,60
	3.0 mm	Green	25305-045-01	€ 84,00
$5.60 \mathrm{m} \times 5 \mathrm{m}$	3.0 111111	Blue	25305-045-04	€ 84,00
	5.0 mm	Blue	25505-045-04	€ 196,00
5.60 m × 6 m	3.0 mm	Green	25306-045-01	€ 100,80
	3.0 111111	Blue	25306-045-04	€ 100,80
	5.0 mm	Blue	25506-045-04	€ 235,20

for three 2.70 m wide bay units for different heights.

Mesh size: approx. 45 mm

Net size	Material dia. approx.	Colour	Art. No.	per piece
	2.0	Green	25307-045-01	€ 75,60
$8.40 \mathrm{m} \times 3 \mathrm{m}$	3.0 mm	Blue	25307-045-04	€ 75,60
	5.0 mm	Blue	25507-045-04	€ 163,80
	2.0	Green	25308-045-01	€ 126,00
$8.40 \mathrm{m} \times 5 \mathrm{m}$	3.0 mm	Blue	25308-045-04	€ 126,00
	5.0 mm	Blue	25508-045-04	€ 273,00
	2.0	Green	25309-045-01	€ 151,20
$8.40 \text{ m} \times 6 \text{ m}$	3.0 mm	Blue	25309-045-04	€ 151,20
	5.0 mm	Blue	25509-045-04	€ 327,60

Pallet rack safety nets in standard sizes made from high-tenacity polypropylene as protection for and against falling goods.

All nets are available with reinforced edging.









Net size	Steel cable (1)	Tensioning straps (2)	Spacers (3a)	or Ring nuts (3b) / Ring bolts (3b)	Carabiner hooks (4)
3 × 2.80 m	12 m (2 × 6 m)	2 Straps	4 piece	4 piece	48 piece
$5 \times 2.80 \mathrm{m}$	16 m (2 × 8 m)	2 Straps	4 piece	4 piece	64 piece
$6 \times 2.80 \mathrm{m}$	18 m (2 × 9 m)	2 Straps	6 piece	6 piece	72 piece
$3 \times 5.60 \mathrm{m}$	18 m (2 × 9 m)	2 Straps	4 piece	4 piece	72 piece
$5 \times 5.60 \mathrm{m}$	20 m (2 × 10 m)	2 Straps	4 piece	4 piece	80 piece
$6 \times 5.60 \mathrm{m}$	22 m (2 × 11 m)	2 Straps	6 piece	6 piece	88 piece
$3 \times 8.40 \mathrm{m}$	23 m (2 × 11.50 m)	2 Straps	6 piece	6 piece	92 piece
$5 \times 8.40 \text{ m}$	27 m (2 × 13.50 m)	2 Straps	6 piece	6 piece	108 piece
$6 \times 8.40 \mathrm{m}$	31 m (2 × 15.50 m)	2 Straps	6 piece	6 piece	124 piece

Steel wire cable (1)

Article	Thickness	Art. No.	per metre
Galvanised steel wire cable	6 mm	2100	€ 1,40

Grommet / Tensioning locks (2)

Article	Art. No.	per rope
M10 turnbuckle, fork/fork with grommets and 6 wire rope clips	2118	€ 10,00

Spacers (3a) / Ring nuts (3b)

Article	Consisting of	Art. No.	per piece
Spacers 173 mm	1 spacing element, 2 brackets, 4 nuts, 4 washers	2171	€ 39,50
Ring nuts, M10	ring nut, washers, hexagonal screws	2107	€ 2,00
Ring bolts, M10	ring bolt, washers, ring	2106	€ 2,00

Carabiner hooks (4)

Article	Description	Art. No.	per piece
Carabiner hooks, loose	60 × 6 mm, galvanised	2018	€ 0,30
Carabiner hooks, attached to the net	60 × 6 mm, galvanised	20180	€ 0,60

Girder clamps for use with ...

Girder clamps for use with T-beams, and U- and angle profiles. Hexagonal adjusting screw, quality 8.8, available in M10 format, clamping range 20 mm.

Article	Description	Art. No.	per piece
Girder clamp, loose	M10	2108	€ 3,50

Pallet rack safety nets in any dimensions

Made from **high-tenacity polypropylene** as protection for and against falling goods.



Pallet rack safety nets from high-tenacity polypropylene

Mesh size approx.	Material dia. approx.	Colour	Art. No.	per m²
25 mm	1.8 mm	Black	201-025-06	€ 3,95
	1 2 mm	Green	200-045-01	€ 3,40
	2.3 mm	Black	200-045-06	€ 3,40
		Green	209-045-01	€ 4,20
	3.0 mm	Blue	209-045-04	€ 4,20
45		Yellow	209-045-05	€ 4,20
45 mm		Black	209-045-06	€ 4,20
	4.0 mm	Green	215-045-01	€ 6,35
	5.0 mm	Green	212-045-01	€ 6,90
		Blue	212-045-04	€ 6,90
		Black	212-045-06	€ 6,90
	4.0 mm	Yellow	215-100-05	€ 3,40
		Green	212-100-01	€ 3,70
100 mm	E O mm	Blue	212-100-04	€ 3,70
	5.0 mm	Yellow	212-100-05	€ 3,70
		Black	212-100-06	€ 3,70

Article-No. 2100 Steel wire cable, 6 mm thick, galvanised	€ 1,40 / metre
Article-No. 2118 Tensioning straps M10, fork/fork with grommets and 6 wire rope clips	€ 10,00 / set
Article-No. 2018 Carabiner hooks, loose	€ 0,30 / piece
Article-No. 20180 Carabiner hooks, attached to the net	€ 0,60/ piece



Binding rope intergrated with net

Material	Thickness	Colour	Art. No.	per metre
Polysteel	12 mm	○ White	2137-02	€ 1,60
Polysteel	10 mm	○ White	2138-02	€ 1,00

Minimum order surcharge each net:

Nets under $1 \text{ m}^2 + 200 \% \mid \text{under } 5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \% \mid \text{under } 20 \text{ m}^2 + 20 \%$

Buckle fastener

Length	Colour	Art. No.	per piece
55 cm	Green	3011-01	€ 1,30
	Blue	3011-04	€ 1,30
loose	Red	3011-07	€ 1,30
100 cm	Green	3017-01	€ 2,20
	Blue	3017-04	€ 2,20
loose	Red	3017-07	€ 2,20



Conveyor belt safety nets

Area of application

Conveyor belt safety nets are fitted along the sides of and below the conveyor belt, in order to catch any material falling from or out of the belt.

Advantages

In comparison to rigid fences the nets can also provide a soft landing for materials. The net material protects the falling objects. It also prevents the falling materials from harming anybody.

Conveyor belt safety nets

from high-tenacity polypropylene, in any dimensions

Mesh size approx.	Material dia. approx.	Colour	Art. No.	per m²
		Green	200-020-01	€ 6,15
20 mm	2.3 mm	White	200-020-02	€ 6,15
		Black	200-020-06	€ 6,15
		Green	200-045-01	€ 3,40
	2.3 mm	Blue	200-045-04	€ 3,40
		Black	200-045-06	€ 3,40
	3.0 mm	Green	209-045-01	€ 4,20
		Blue	209-045-04	€ 4,20
		Yellow	209-045-05	€ 4,20
45 mm		Black	209-045-06	€ 4,20
	4.0 mm	Green	215-045-01	€ 6,35
		Blue	215-045-04	€ 6,35
		Black	215-045-06	€ 6,35
	5.0 mm	Green	212-045-01	€ 6,90
		Blue	212-045-04	€ 6,90
		Black	212-045-06	€ 6,90

Minimum order surcharge each net:

Nets under $1 \text{ m}^2 + 200 \% \mid \text{under } 5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \% \mid \text{under } 20 \text{ m}^2 + 20 \%$

Ring nuts / Ring bolts

Article	Consisting of	Art. No.	per piece
Ring nut M10	Ring nut, washers, hexagonal screws	2107	€ 2,00
Ring bolt M10	Ring bolt, washers, ring	2106	€ 2,00

Steel wire cable

Article	Thickness	Art. No.	per metre
Galvanised steel wire cable	6 mm	2100	€ 1,40
Galvanised steel wire cable	4 mm	2102	€ 1,00

Carabiner hooks

Article	Description	Art. No.	per piece
Carabiner hooks, loose	60 × 6 mm, galvanised	2018	€ 0,30
Carabiner hooks,	60 × 6 mm,	20180	€ 0,60

Grommet / Tensioning locks

Article	Thickness	Art. No.	per rope
Additional grommet tensioning locks for both sides	for 6 mm	2101	€ 17,35
	for 4 mm	2103	€ 14,00





Load carrying nets

Knotless net made of high-tenacity polypropylene with **14 mm nylon border rope** and 4 loops with scuff protection on the corners. Also with 2 traverse ropes (14 mm PA) attached to the upper border rope (for improved load capacity).

Net size: $4 \text{ m} \times 4 \text{ m}$

	sh size oprox.	Thick- ness	Payload	Colour	Art. No.	per piece
6	0 mm	5 mm	1t	Green	2061-060-01	€ 224,50
10	0 mm	6 mm	2t	O White	2060-100-02	€ 254,50

Load carrying net (for heavy loads)

Knotless net made of high-tenacity polypropylene. With **16 mm nylon border rope** and 4 loops with scuff protection on the corners, 2 traverse ropes (14 mm PA) attached to the upper border rope (for improved load capacity).

Net size: $3.30 \text{ m} \times 3.30 \text{ m}$

Mesh size approx.	Thick- ness	Payload	Colour	Art. No.	per piece
130 mm	15 mm	3 t	Blue	2062-130-04	€ 277,50

Load-carrying nets (especially tear-resistant design)

Knotless load carrying nets in PE in selvedge/selvedge design, approx. 8 mm thick, with reinforced wear resistance. With 16 mm nylon edge rope and 4 abrasion resistant loops at the corners. Additionally with 2 cross ropes running round the net (PA 14 mm), which are attached to the upper edging rope (for easier loading).

Net size: $4 \text{ m} \times 4 \text{ m}$

Mesh size approx.	Thick- ness	Payload	Colour	Art. No.	per piece
100 mm	8 mm	3.5 t	Black	2066-106	€ 350,00

Polyester straps

Width approx. 40 cm, thickness approx. 10 mm, pay length 2 m, with ring on top, eye hooks below.

Payload at 0° - 45° = 3.4t Payload at 45° - 60° = 2.4t

Suitable for all of our heavy-load transport nets.

Description	Colour	Art. No.	per piece
PES-straps	Red	2064-07	€ 285,00





Goods safety nets

Used here for the transportation of roof tiles (Photo: Company Probst, Erdmannhausen)

Mainly used for **smooth transportation** of goods which are too small for grapples to be used.

Recommended article no. 212-045/-060/-100 (see page 47).



Photo 1



Photo 3

Cargo nets

An easy and comfortable way to lift construction materials etc.

Simply spread the net out on the floor **(Photo 1)**, place the load onto it and hang the border rope onto load hangers.

Depending on net material, up to 2 tons of load can be lifted.



Photo 2

Transport net for payload of 1 ton:

Recommended article number: 1903-100 (see page 76).

Transport net for payload of 2 tons:

Recommended article number: 1903-045 (see page 76).





Circular slings made of polyester with double sheathing Conforming to Euro-standard EN 1492-2

Conforming to Euro-standard EN 1492-2



Protective sheathing provided with anti-chaffing PU. Colour-coded conforming to European EN standard, with stamped-in carrying strength and tonnage strips (woven-in carrying strength, on request).

Working lengths of less than 1 m are all charged the same as a working length of 1 m. Can be cut into lengths of 0.50 m.

Art. No.	Colour	per piece with a useable length of:						€ per metre		
ATT. NO. COIOU	Colour	$L_{1} = 1.0 \text{ m}$	$L_1 = 1.5 \text{ m}$	$L_1 = 2.0 \text{ m}$	$L_1 = 2.5 \text{ m}$	$L_1 = 3.0 \text{ m}$	$L_1 = 3.5 \text{ m}$	$L_1 = 4.0 \text{ m}$	$L_1 = 5.0 \text{m}$	e per metre
56005	Orange	€ 6,20	€ 8,80	€ 11,40	€ 14,10	€ 16,70	€ 19,40	€ 22,00	€ 27,30	€ 5,20
56010	Violet	€ 7,30	€ 10,10	€ 13,00	€ 15,80	€ 18,70	€ 21,60	€ 24,40	€ 30,10	€ 5,80
56020	Green	€ 10,60	€ 15,10	€ 19,60	€ 24,10	€ 28,60	€ 33,10	€ 37,60	€ 46,60	€ 9,00
56030	Yellow	€ 14,10	€ 20,10	€ 26,20	€ 32,20	€ 38,30	€ 44,30	€ 50,40	€ 62,50	€ 12,20
56040	Grey	€ 16,80	€ 24,10	€ 31,40	€ 38,60	€ 45,90	€ 53,10	€ 60,40	€ 74,90	€ 14,60
56050	Red	€ 19,80	€ 28,90	€ 38,10	€ 47,20	€ 56,30	€ 65,50	€ 74,60	€ 92,80	€ 18,20
56060	Brown	€ 24,60	€ 35,40	€ 46,20	€ 57,00	€ 67,80	€ 78,50	€ 89,30	€ 110,90	€ 21,60
56080	Blue	€ 33,90	€ 50,30	€ 66,70	€ 83,10	€ 99,40	€ 115,80	€ 132,20	€ 165,00	€ 32,80
56100	Orange	€ 47,00	€ 68,40	€ 89,90	€ 111,30	€ 132,80	€ 154,20	€ 175,70	€ 218,60	€ 43,00
56120	Orange	€ 55,20	€ 83,10	€ 110,90	€ 138,70	€ 166,50	€ 194,40	€ 222,20	€ 277,90	€ 55,60
56150	Orange	€ 79,10	€ 113,70	€ 148,40	€ 183,00	€ 217,70	€ 252,30	€ 287,00	€ 356,30	€ 69,40
56200	Orange	€ 114,20	€ 162,80	€ 211,40	€ 260,00	€ 308,70	€ 357,30	€ 405,90	€ 503,10	€ 97,20

Technical carrying capacity data WLL (kg).

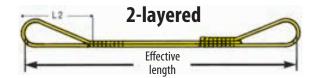
		carrying capa	acity WLL (kg)			carrying capacity WLL (kg)			
A.c. N.	0	8	U		Aut No	0	8	U	८
ArtNo.	Vertical suspension	Just laced	U-shaped suspension	Suspended diagonally at 45-60°	ArtNo.	Vertical suspension	Just laced	U-shaped suspension	Suspended diagonally at 45-60°
56005	500	400	1,000	700	56060	6,000	4,800	12,000	8,400
56010	1,000	800	2,000	1,400	56080	8,000	6,400	16,000	11,200
56020	2,000	1,600	4,000	2,800	56100	10,000	8,000	20,000	14,000
56030	3,000	2,400	6,000	4,200	56120	12,000	9,600	24,000	16,800
56040	4,000	3,200	8,000	5,600	56150	15,000	12,000	30,000	21,000
56050	5,000	4,000	10,000	7,000	56200	20,000	16,000	40,000	28,000

This represents merely a small selection from a large range of circular slings and looped straps.

If you have special requests or are faced with particular problems, please get in touch with our Sales Department.









Looped straps made of polyester, 2-layered Conforming to Euro-standard EN 1492-1

Looped straps with reinforced loops made of synthetic fabric. Also available in leather on request, although a surcharge applies. Colour-coded conforming to European CEN standard. If requested, with carrying strength value impressed.

Prices are worked out per metre. Looped straps with a length of less than 2 m are all taken to be 2 m in length.

Strap width $ imes$			carrying capacity WLL (kg)			Loop length		per piece		
thickness	Colour	Art. No.	Q.	9.9	0	in mm	With a	a useable leng	gth of:	per metre +/-
in mm			ſ	U	Ô		2 m	3 m	4 m	per metre 17
30× 6	Violet	58030	1,000	2,000	800	200	€ 20,40	€ 25,70	€ 31,00	€ 5,30
50× 5	Violet	58050	1,000	2,000	800	200	€ 20,40	€ 25,70	€ 31,00	€ 5,30
60× 6	Green	58060	2,000	4,000	1,600	250	€ 27,50	€ 35,00	€ 42,60	€ 7,60
75× 6	Green	58075	2,500	5,000	2,000	300	€ 31,10	€ 40,00	€ 48,90	€ 8,90
90×6	Yellow	58090	3,000	6,000	2,400	350	€ 41,70	€ 52,80	€ 64,00	€ 11,20
100 × 6	Yellow	58100	3,600	7,200	2,900	350	€ 45,10	€ 57,10	€ 69,00	€ 11,90
100×10	Grey	58100S	4,000	8,000	3,200	400	€ 64,40	€ 83,70	€ 102,90	€ 19,20
120× 6	Grey	58120	4,000	8,000	3,200	400	€ 67,20	€ 87,20	€ 107,30	€ 20,10
125×10	Red	58125	5,000	10,000	4,000	500	€ 98,80	€ 125,50	€ 152,20	€ 26,70
150×6	Red	58150	5,000	10,000	4,000	500	€ 102,40	€ 130,00	€ 157,50	€ 27,60
150×10	Brown	58150S	6,000	12,000	4,800	550	€ 115,40	€ 147,10	€ 178,80	€ 31,70
180×6	Brown	58180	6,000	12,000	4,800	550	€ 121,50	€ 154,60	€ 187,70	€ 33,10
200×6	Brown	58200	6,000	12,000	4,800	550	€ 127,60	€ 166,10	€ 204,60	€ 38,50
200×10	Blue	58200S	8,000	16,000	6,400	600	-	€ 206,20	€ 248,50	€ 42,30
250×6	Blue	58250	8,000	16,000	6,400	600	-	€ 213,70	€ 257,10	€ 43,40
250×10	Orange	58250S	10,000	20,000	8,000	650	_	€ 255,00	€ 311,40	€ 56,40
300× 6	Orange	58300	10,000	20,000	8,000	650	_	€ 268,00	€ 337,40	€ 69,40
300×10	Orange	58300S	13,000	26,000	10,400	700	_	€ 319,00	€ 410,10	€ 91,10

This represents merely a small selection from a large range of circular slings and looped straps.

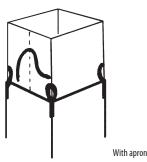
If you have special requests or are faced with particular problems, please get in touch with our Sales Department.

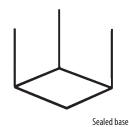


Big bag / with apron on top and sealed base

High tenacity layered polypropylene with 4 hoisting loops, with apron on top and sealed base, per piece.

Size in cm	SWL in kg	SF	Colour	Art. No.	per piece
$90 \times 90 \times 110$	1,000	5:1	○ White	32501-02	€ 15,50





Special designs available on request!

Big bags / with run-in and run-out channel

High tenacity layered polypropylene with 4 hoisting loops, with run-in and run-out channel, 35 \times 50 cm, per piece.

Size in cm	SWL in kg	SF	Colour	Art. No.	per piece
$90 \times 90 \times 110$	1,000	5:1	○ White	32502-02	€ 17,75

Jumbo bags

As waste bag for slabs or as Jumbo container for broken slabs (including asbestos slabs)

- Easy, economical way of handling
- Saves considerable time during filling
- Cuts transport costs
- Efficient storage (several containers can be stowed on top of each other)







Runout once clipped



Jumbo bags

Made of coated polypropylene fabric, with 4 hoisting loops and internal apron cover. With lid for tying-up.

Size in cm	SWL in kg	SF	Colour	Art. No.	per piece
$260 \times 125 \times 30$	1,000	5:1	○ White	32511-02	€ 23,50
$300\times105\times30$	1,000	5:1	○ White	32512-02	€ 23,50

HUCK — Isilink

No limits to the possibilities for fixing and adjustment without using metal

Breaking strength Metres / reel Colour Art. No. Diameter per reel 3 mm 80 daN 1,000 m 38030-01 €71,00 Green 100 daN 600 m Blue 38040-04 € 78,00 4 mm Red 38060-07 $6\,\text{mm}$ 160 daN 500 m € 82,00 $8\,\text{mm}$ 290 daN 250 m Black 38080-06 €81,00 38100-08 € 82,00





HUCK-Isilink, proprietary EU Word Mark





Braided cord in high-strength polypropylene, 8-ply braided, approx. 7.5 g/m, 500 m reel

Cords for industry, craft and DIY, particulary also for repairing and fastening nets.

Material dia. approx.	Breaking strength	Colour	Art. No.	per reel
		Green	35203-01	€ 50,00
	260 daN	○ White	35203-02	€ 50,00
		Orange	35203-03	€ 50,00
4.5 mm		Blue	35203-04	€ 50,00
4.5 11111		Yellow	35203-05	€ 50,00
		Black	35203-06	€ 50,00
		Red	35203-07	€ 50,00
		Hemp	35203-08	€ 50,00



Repair cord

Braided cord in high-strength polypropylene, 8-ply braided, approx. 7.5 g/m, 25 m cardboard reel.

Material dia. approx.	Breaking strength	Colour	Art. No.	per reel
4.5 mm	260 daN	Green	35223-01	€ 5,00



Plastic ropes and braided cords made of polypropylene

are tried-and-tested fixing aids for use in industry and construction.

All measurements are approximate and subject to slight changes.











Synthetic ropes made of polypropylene hemp-coloured

length of cable in m	Diameter approx. in mm	Weight per metre in g	Minimum breaking strength in daN	Art. No.	per cable
	14	88	2.690	40205-08	€ 38,85
	16	103	3.330	40206-08	€ 49,50
50	20	176	5.120	40208-08	€ 77,50
	24	234	7.170	40210-08	€ 110,90
	28	370	9.440	40212-08	€ 145,75
	6	17	590	40201-08	€ 15,00
100	8	30	1.040	40202-08	€ 25,85
	10	45	1.530	40203-08	€ 38,85
	12	68	1.950	40204-08	€ 56,05

Braided cords made of high-strength polypropylene, green, reel: 100 m

Diameter approx. in mm	Weight per metre in g	Minimum breaking strength in daN	Art. No.	per cable (100 m)
3	3	100	35211-01	€ 12,50
4	6	150	35212-01	€ 19,50
6	17	335	35214-01	€ 35,00
8	30	625	35215-01	€ 45,00
10	45	960	35216-01	€ 60,00
12	65	1,330	35217-01	€ 80,00

Scaffolding rope

in Polypropylene, white-blue, 2 m long, approx. 8 mm diameter, with clip, 4-ply with small loop.

Article No. 2013

€ 1,00 / piece

Synthetic ropes made of polysteel White, length of cable: 220 m

Diameter approx. in mm	Weight per metre in g	Minimum breaking strength in daN	Art. No.	per cable (220 m long)
9	50	1,500	21380R-02	€ 72,60
12	74	3,000	21370R-02	€ 102,30



Shock cord 50 m / 100 m cable length

Length of cable in m	Diameter approx. in mm	Colour	Art. No.	per cable
50	8	O White with Huck stripes	21270R-2H	€ 40,00
100	6	O White with Huck stripes	21260R-2H	€ 50,00
	10	Blue	21280R-04	€ 90,00



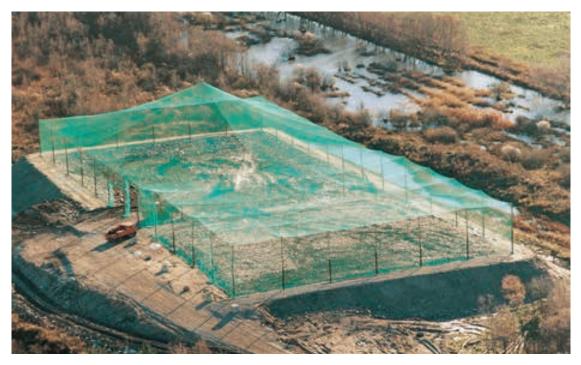
Anti-litter nets for a cleaner environment

The law requires every refuse operator to protect the area around the landfill from pollution.

The anti-litter fence is therefore invaluable to modern refuse management.

In particular it prevents the spread of smaller items of refuse such as scraps of paper, foil, solid foam etc. to adjoining areas.

The anti-litter fence protects the environment from pollution and at the same time saves the operator the additional expense of clearing rubbish outside the designated area.



Prices exclude VAT and delivery

Anti-litter nets in standard sizes

Nets can also be delivered in other sizes to special order.

Please ask for a quotation.

All anti-litter net panels in standard sizes are delivered with reinforced surround (approx. 9 mm dia.), and 4 cable eyes in the corners to tension the net.



Anti-litter net made of high-tenacity polypropylene

Net size: $4 \text{ m} \times 50 \text{ m}$

Mesh size approx.	Material dia. approx.	Colour	Art. No.	per piece
4F ma ma	2.3 mm	Black	2421-045-06	€ 400,00
45 mm	3.0 mm	Green	2425-045-01	€ 500,00
20	1.8 mm	Black	2431-020-06	€ 600,00
20 mm	2.3 mm	Green	2435-020-01	€ 700,00

Net size: 3 m × 50 m

Mesh size approx.	Material dia. approx.	Colour	Art. No.	per piece
AF mm	2.3 mm	Black	2423-045-06	€ 300,00
45 mm	3.0 mm	Green	2427-045-01	€ 375,00
20	1.8 mm	Black	2433-020-06	€ 450,00
20 mm	2.3 mm	Green	2437-020-01	€ 525,00

Important: When installing, anti-litter nets have to be well-tensioned, and rubbing spots on the edges or body of the nets must be avoided.

This applies particularly to small-meshed nets. We therefore recommend you add thimbles every 5 metres.

Thimbles

Surcharge for integrated thimbles for 6 mm thick rope.

Art. No. 2117

€ 2,50 per piece

Net size: $4 \text{ m} \times 25 \text{ m}$

Mesh size approx.	Material dia. approx.	Colour	Art. No.	per piece
45 mm 20 mm	2.3 mm	Black	2422-045-06	€ 200,00
	3.0 mm	Green	2426-045-01	€ 250,00
	1.8 mm	Black	2432-020-06	€ 300,00
	2.3 mm	Green	2436-020-01	€ 350,00

Net size: $3 \text{ m} \times 25 \text{ m}$

Mesh size approx.	Material dia. approx.	Colour	Art. No.	per piece
AF mm	2.3 mm	Black	2424-045-06	€ 150,00
45 mm	3.0 mm	Green	2428-045-01	€ 187,50
20	1.8 mm	Black	2434-020-06	€ 225,00
20 mm	2.3 mm	Green	2438-020-01	€ 262,50

Tripod frame for anti-litter nets

Made from galvanised steel tubes 32mm dia. to DIN 2440, with hooks above to attach net and folded underneath to provide better stability. Complete with holes for ground spikes.

Including 3 ground spikes and angled connection screws.

Height of nets	Art. No.	per piece
for 4 m high nets	245	€ 190,00
for 3 m high nets	246	€ 160,00



"Heavy Duty" PE nets in braided knotless netting technology, approx. 8mm dia.

Nets in braided knotless netting technology

Nets in braided knotless netting technology (SUPERCROSS) combine the advantages of knotted nets (high linear tensile strength of the cord) with advantages of knotless netting in Raschel technique (same breaking strength in twine and intersection).

Furthermore the nets have a

- low abrasion in the mesh intersection
- a continuously precise mesh size
- a low elongation due to special textile technology.

Safety nets in braided knotless netting technology

The following materials are available on request

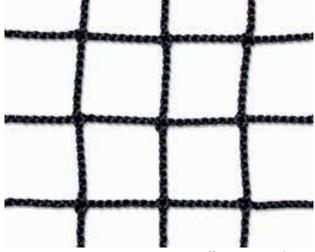
Material	Material diametre	Mesh size
Polyethylene	approx. 4.5 mm	50 mm
Polyethylene	approx. 4.5 mm	100 mm
UHMWPE	approx. 1.8 mm	20 mm
UHMWPE	approx. 1.8 mm	30 mm
UHMWPE	approx. 1.8 mm	50 mm

Nets are available with either diagonal or square mesh. Price on request.

UHMWPE is ultra-high module weight polyethylene, which is a high-performance fibre. The fibres have the lowest density of all reinforcing fibres and the maximum specific strength (strength-to-weight ratio).



UHMWPE, approx. 1.8 mm, mesh size: 50 mm

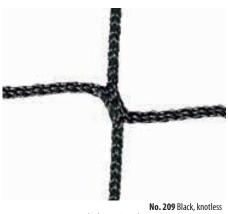


PE, approx. 4.5 mm, mesh size: 50 mm

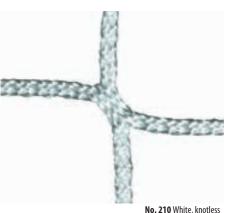
Product Information



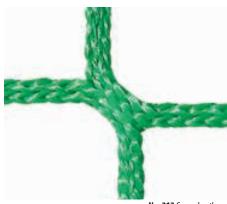
Produktinfo



high tenacity polypropylene, approx. 3 mm.



No. 210 White, knotless high polyester, approx. 4 mm.



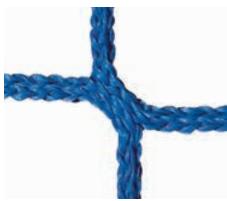
No. 212 Green, knotless high tenacity polypropylene, approx. 5 mm.



high tenacity polypropylene, approx. 5 mm.



No. 212 Orange, knotless high tenacity polypropylene, approx. 5 mm.



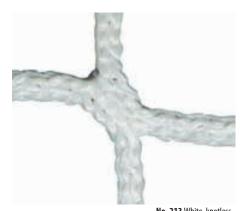
No. 212 Blue, knotless high tenacity polypropylene, approx. 5 mm.



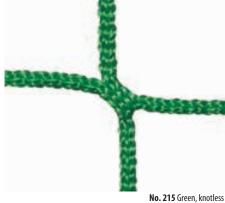
No. 212 Black, knotless high tenacity polypropylene, approx. 5 mm.



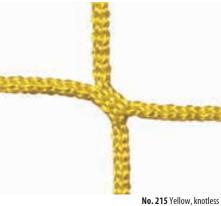
No. 212 Red, knotless high tenacity polypropylene, approx. 5 mm.



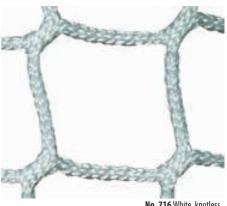
No. 213 White, knotless high tenacity polypropylene, approx. 6 mm.



high tenacity polypropylene, approx. 4 mm.



high tenacity polypropylene, approx. 4 mm.



No. 216 White, knotless polyester,approx. 3 mm.

Material Thickness From 1 - 3 mm

ArtNo.	Description	Material Ø approx. mm	Mesh size approx. mm	Colours	Price / m²
1202-020	PP, high tenacity, knotless **	1	20	○ • •	€ 1,80
1202-030	PP, high tenacity, knotless **	1	30	0 • •	€ 1,25
1202-050	PP, high tenacity, knotless **	1	50	0 • •	€ 0,85
1203-010	PP, high tenacity, knotless ***	1.5	10	• (diamond)	€ 5,00
203-020	PP, high tenacity, knotless	1.5	20	•	€3,95
203-028	PP, high tenacity, knotless	1.5	28	•	€ 2,90
203-030	PP, high tenacity, knotless	1.5	30	○ ●	€ 2,60
203-050	PP, high tenacity, knotless	1.5	50	(whilst stocks last)	€ 2,10
203-060	PP, high tenacity, knotless	1.5	60	•	€ 1,70
203-100	PP, high tenacity, knotless	1.5	100	•	€ 0,90
201-020	PP, high tenacity, knotless	1.8	20	0 •	€ 4,30
201-025	PP, high tenacity, knotless	1.8	25	• •	€ 3,95
201-030	PP, high tenacity, knotless	1.8	30	•	€ 3,40
200-020	PP, high tenacity, knotless	2.3	20	\bullet \bullet \circ \bullet \bullet	€ 6,15
200-025	PP, high tenacity, knotless	2.3	25	•	€ 5,30
200-030	PP, high tenacity, knotless	2.3	30	○ ●	€ 4,40
200-035	PP, high tenacity, knotless	2.3	35	○ ●	€3,90
200-045	PP, high tenacity, knotless	2.3	45	• • • •	€ 3,40
200-100	PP, high tenacity, knotless	2.3	100	• • •	€ 1,70
200-120	PP, high tenacity, knotless	2.3	120	• • • •	€ 1,40
205-100	PP, high tenacity, knotless	2.8	100	•	€ 1,90
205-120	PP, high tenacity, knotless	2.8	120	•	€ 1,45
209-030	PP, high tenacity, knotless	3	30	•	€ 5,60
209-045	PP, high tenacity, knotless	3	45	• • • • • • • •	€ 4,20
209-100	PP, high tenacity, knotless	3	100	• • • •	€ 2,20
209-120	PP, high tenacity, knotless	3	120	• 0 • •	€ 1,75
216-035	Polyester, knotless	3	35	0	€7,30
216-045	Polyester, knotless	3	45	0	€ 6,30
216-100	Polyester, knotless	3	100	0	€ 3,15
216-130	Polyester, knotless	3	130	0	€ 2,40

Nets made of Polyamide



204-020	Polyamide, knotless	2	20	•	€7,60
208-038	Polyamide, knotless	3.5	38	•	€7,60
219-050	Polyamide, knotless	4.5	50	•	€ 8,50
219-100	Polyamide, knotless	4.5	100	•	€ 4,30

Surcharge for small quantities: under 1 m^2 +200 %, under 5 m^2 +100 % under 10 m^2 +35% per net, under 20 m^2 +20% per net. The surcharge is based on the size of a single net, and not on the total order.

For loose hanging nets (curtain nets) the length should be longer than the surface to be covered depending on the mesh size of the net: a) up to 45 mm mesh size + 20% b) 50 - 100 mm mesh size + 15% c) 110 - 150 mm mesh size + 10%

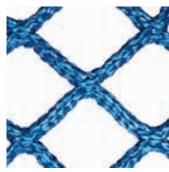
Material Thickness From 3.5 - 6 mm

ArtNo.	Description	Material Ø approx. mm	Mesh size approx. mm	Colours	Price / m ²
207-045	PP, high tenacity, knotless	3.5	45	• ****	€ 5,25
207-100	PP, high tenacity, knotless	3.5	100	• • ****	€ 2,60
207-120	PP, high tenacity, knotless	3.5	120	• • ****	€ 2,25
210-035	Polyester, knotless	4	35	0	€ 9,30
210-045	Polyester, knotless	4	45	0	€ 6,70
210-100	Polyester, knotless	4	100	0	€ 3,60
210-120	Polyester, knotless	4	120	0	€3,10
215-030	PP, high tenacity, knotless	4	30	• •	€ 8,50
215-045	PP, high tenacity, knotless	4	45	• 0 • • •	€ 6,35
215-100	PP, high tenacity, knotless	4	100	• 0 • • • •	€ 3,40
215-120	PP, high tenacity, knotless	4	120	• 0 • • •	€ 2,75
215-120	PP, high tenacity, knotless	4	120	$ \bigcirc \bigcirc$	€3,05
214-045	PP, high tenacity, knotless	4.2	45	•	€ 6,60
211-045	Polyester, knotless	4.5	45	•	€7,00
212-030	PP, high tenacity, knotless	5	30	• •	€9,90
212-045	PP, high tenacity, knotless	5	45	• 0 • • • •	€ 6,90
212-060	PP, high tenacity, knotless	5	60	• • • •	€6,35
212-070	PP, high tenacity, knotless	5	70	• •	€ 6,05
212-100	PP, high tenacity, knotless	5	100	• 0 • • • • • •	€3,70
212-120	PP, high tenacity, knotless	5	120	• 0	€3,20
212-300	PP, high tenacity, knotless	5	300	•	€ 2,60
213-100	PP, high tenacity, knotless	6	100	0	€ 9,50

**** Art.-No. 207 in Violet: while stocks last

Material thickness 15 mm (Mahulan)

Art. No.	Description*	Material dia. (mm) app.	Mesh size (mm) app.	Colours	Price / m ²
4415-130	PP., knotless.	15.0	130	• •	on request



No. 4415-130 blue, knotless, polypropylene, approx. 15 mm dia.

Colour table

● = 01 = green ● = 07 = red

● = 015 = dark green

■ = 08 = hemp colour

 $\bigcirc = 02 = \text{white}$

• = 09 = violet

● = 72 = red/white

= 03 = orange

 \bullet = 65 = gray NEW

• = 45 = blue/yellow

• = 04 = blue

os – gray

= 05 = yellow

○ = 4F (4 colours) •

• = 65 = black/white

● = 06 = black

= 67 = black/red

If square mesh nets are required it is **technically impossible to supply all net sizes without a seam.**

All nets are manufactured with diagonal mesh to the greatest possible width and then converted to square mesh.

The resulting seams cannot be avoided for technical reasons and do not reduce the quality of the net.

When ordering, please indicate the colour number! Example Article No.: e.g. 209-045-**01** = **green**



All nets have a reinforced edge of approx. 5-7 mm dia., which is included in the m² price.

See page 68 for our protective and safety nets with a steel core to protect them from vandalism.



No. 2116-02 Net surround made of polyester tape. Width 100 mm (when folded 50 mm)

If nets made to special requirements have a square mesh, it is technically impossible to supply all net sizes without a seam.

All nets are manufactured with diamond mesh to the greatest possible width and then converted to square mesh.

The resulting seams cannot be avoided for technical reasons and do not reduce the quality of the net.

Surcharge:

Minimum order surcharge for each individual net:

Nets under 1 m² + 200 % | under 5 m² + 100 % Nets under10 m² + 35 % | under20 m² + 20 %

For different qualities and colours of our safety nets: see pages 46 and 47.

Standard protective / safety nets

Protective nets, sold in 5 m widths. Length: as requested.

Standard safety net in high-tenacity polypropylene

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
120 mm	3 mm	Green	2140-120-01	€ 1,55
120 mm	4 mm	Green	2142-120-01	€ 2,45

Net accessories/net surround cords

We supply various accessories for all our safety nets and these are also available on an upgrade basis.

Net surround cord, attached to net

Material dia. (mm)	Material	Colour	Art. No.	per metre
	Polyethylene	Green	2130-01	€ 0,60
6		Orange	2130-03	€ 0,60
		Black	2130-06	€ 0,60
5	Nylon	○ White	2131-02	€ 0,60
8	Nylon	○ White	2132-02	€ 1,05
12	Nylon	White	2136-02	€ 1,60

Net surround cord, supplied loose

Material dia. (mm)	Material	Colour	Art. No.	per metre
		Green	21300-01	€0,42
6	Polyethylene	Orange	21300-03	€ 0,42
		Black	21300-06	€ 0,42
5	Nylon	○ White	21310-02	€ 0,42
8	Nylon	○ White	21320-02	€ 0,70
12	Nylon	O White	21360-02	€ 1,25

Net accessories/additional surround

For a clean edge and additional protection as well as securing nets in borders or tape.

Net surround made of polyester tape

Width in mm	Material	Colour	Art. No.	per metre
100	Polyester	White	2116-02	€ 3,50

Net accessories for suspension and tension

To suspend and tension the safety nets, we recommend our galvanised or PVC-covered steel wire ropes fitted on both ends with loops and tensioners.

Steel wire ropes galvanised

Article	Thickness	Art. No.	per metre
Ctaalira rana galvanisad	6 mm	2100	€ 1,40
Steel wire rope galvanised	4 mm	2102	€ 1.00

Steel wire ropes, PVC-covered (black)

Article	Thickness	Art. No.	per metre
	5/7 mm	2097	€ 1,50
Steel wire rope covered	4/5 mm	2099	€ 1,45
	3/4 mm	2098	€ 1,20

Steel wire ropes / loops / tensioners

Article	Thickness	Art. No.	per piece
Additional loops and	for 6 mm	2101	€ 17,35 Surcharge
tensioners on both ends	for 4 mm	2103	€ 14,00 Surcharge



Net accessories / to suspend the nets

All nets can be fitted with a net suspension system, to allow easier movement along the steel wire rope.

Open Nylon rings

dia. 9 mm, length 53 mm, width 30 mm. Inner length: 35 mm, colour Black

Design	Art. No.	
Attached to the net (3 rings per metre)	2122	€ 2,60 per metre
loose	2123	€ 0,48 per piece



Net accessories / weighting

All safety and stop nets can be fitted with a lead cord to weigh them down.

Lead cord attached to the net

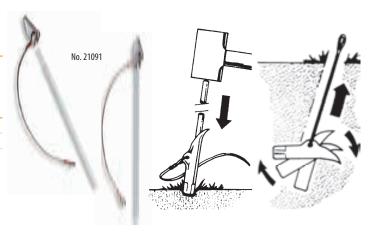
Weight per metre	Design	Art. No.	per metre
400 g	integrated in tape	2110	€ 4,80
200 g	integrated in tape	2111	€ 3,75
200 g	without tape	2112	€ 2,40

Ground anchor

Wire rope ground anchor, 40 cm long, with swaged loop.

With the aid of a 45 cm long round iron, it can be hammered into the ground and the bar removed. By pulling the steel rope at the loop, the anchor fastens itself firmly into the ground. Load resistance approx. 100 kg.

Article	Design	Art. No.	Incl. round iron bar tool
High grade steel wire rope	appr. 3 mm	21091	€ 33,00 per piece



Technical Details

ArtNo.	Description	Colours	Material dia (mm) app.	Mesh size (mm) app.	Weight g/m² app.	Maximum tensile strength of mesh (kN
200-020	Polypropylene, ht., knotless	\bullet \bullet \circ \bullet \bullet	2.3	20	180	0.80
200-030	Polypropylene, ht., knotless	○ ●	2.3	30	135	0.80
200-035	Polypropylene, ht., knotless	0 •	2.3	35	135	0.80
200-045	Polypropylene, ht., knotless	• • 0 • •	2.3	45	90	0.80
200-100	Polypropylene, ht., knotless	• 0 • •	2.3	100	50	0.80
200-120	Polypropylene, ht., knotless	• • 0 •	2.3	120	35	0.80
201-020	Polypropylene, ht., knotless	0 •	1.8	20	130	0.60
201-025	Polypropylene, ht., knotless	• •	1.8	25	100	0.60
201-030	Polypropylene, ht., knotless	•	1.8	30	85	0.60
1202-020	Polypropylene, ht., knotless	0 • •	1.0	20	50	0.20
1202-020	Polypropylene, ht., knotless	0 • •	1	30	30	0.20
1202-050		0 • •	<u></u>	50	20	0.20
	Polypropylene, ht., knotless					
1203-010	Polypropylene, ht., knotless	• (diamond)	1.5	10	150	0.25
203-020	Polypropylene, ht., knotless	•	1.5	20	80	0.25
203-030	Polypropylene, ht., knotless	0 •	1.5	30	50	0.25
203-050	Polypropylene, ht., knotless	•	1.5	50	35	0.25
203-060	Polypropylene, ht., knotless	•	1.5	60	30	0.25
203-100	Polypropylene, ht., knotless	•	1.5	100	15	0.25
205-100	Polypropylene, ht., knotless	•	2.8	100	60	1.00
205-120	Polypropylene, ht., knotless		2.8	120	50	1.00
207-045	Polypropylene, ht., knotless	• •	3.5	45	200	1.40
207-100	Polypropylene, ht., knotless	• •	3.5	100	100	1.40
07-120	Polypropylene, ht., knotless	• •	3.5	120	70	1.40
209-030	Polypropylene, ht., knotless	•	3	30	260	1.10
09-045	Polypropylene, ht., knotless			45	148	1.10
09-100	Polypropylene, ht., knotless	• • • •	3	100	75	1.10
209-120	Polypropylene, ht., knotless	• • • •	3	120	65	1.10
10-035	Polyester, knotless	0	4	35	350	2.00
10-035	Polyester, knotless	0	4	45	285	2.00
210-045	•		4	100	150	2.00
	Polyester, knotless	0				
10-120	Polyester, knotless	0	4	120	100	2.00
12-045	Polypropylene, ht., knotless		5	45	400	3.00
12-050	Polypropylene, ht., knotless	0	5	50	350	3.00
12-060	Polypropylene, ht., knotless	• • •	5	60	300	3.00
12-070	Polypropylene, ht., knotless	• •	5	70	275	3.00
12-100	Polypropylene, ht., knotless	• 0 • • • • •	5	100	200	3.00
12-120	Polypropylene, ht., knotless	• 0	5	120	170	3.00
212-300	Polypropylene, ht., knotless	•	5	300	55	3.50
213-100	Polypropylene, ht., knotless	0	6	100	360	4.20
14-045	Polypropylene, ht., knotless	•	4.2	45	235	1.80
15-030	Polypropylene, ht., knotless	• •	4	30	330	1.60
15-045	Polypropylene, ht., knotless	• 0 • • •	4	45	210	1.60
15-100	Polypropylene, ht., knotless	• • • • • •	4	100	110	1.60
15-100	Polypropylene, ht., knotless	• 0 • • •	4	120	90	1.60
16-035	Polyester, knotless		3	35	230	1.25
	•	0		45		
16-045	Polyester, knotless	0	3		185	1.25
16-100	Polyester, knotless	0	3	100	90	1.25
16-130	Polyester, knotless	0	3	130	70	1.25
903-045	Polypropylene, ht., knotless	• 0 • • •	5	45	475	3.00
903-060	Polypropylene, ht., knotless	• • •	5	60	375	3.00
903-100	Polypropylene, ht., knotless	• 0 • • • • •	5	100	275	3.00
003-100	Polypropylene, ht., knotless	• 0 • • • • •	5	100	300	3.00
007-020	Polypropylene, ht., knotless	○ ●	1.8	20	170	0.60
000-045	Polypropylene, ht., knotless	• 0 • • •	5	45	450	3.00
000-060	Polypropylene, ht., knotless	• •	5	60	350	3.00
000-100	Polypropylene, ht., knotless	• • • • •	5	100	250	3.00



New product lines in our safety net range

These new developments from Huck were based on the most diverse specifications and the most diverse climatic and technical requirements.

One of the main Huck philosophies is to respond to the needs of our customers and the market at all times.

If you have a question or special project, don't hesitate to seek advice from our expert sales team.

Flame-retardant finish

A few of our safety net options are also available in a flame-retardant finish. This ensures that the nets retain their flame-retardant properties, even outdoors in variable weather conditions.

The nets are tested accordingly and meet the requirements of DIN 41 02 resp. EN 13501-1.

Safety nets made of high-tenacity polypropylene with a flame-retardant finish

Mesh size approx.	Material dia appr.	Colour	Art. No.	per m²
		 Dark green 	200F025-015	€ 7,50
25 mm	2.3 mm	○ White	200F025-02	€ 7,50
		Blue	200F025-04	€ 7,50
		Dark green	200F045-015	€ 4,25
	2.3 mm	○ White	200F045-02	€ 4,25
	2.3 111111	Blue	200F045-04	€ 4,25
		Black	200F045-06	€ 4,25
	3.0 mm	Green	209F045-01	€ 5,25
45 mm		○ White	209F045-02	€ 5,25
		Blue	209F045-04	€ 5,25
		Black	209F045-06	€ 5,25
		Green	212F045-01	€ 8,65
	5.0 mm	○ White	212F045-02	€ 8,65
		Black	212F045-06	€ 8,65
50 mm	1.5 mm	Black	203F050-06	€ 2,55
60 mm	5.0 mm	Black	212F060-06	€ 7,95
100 mm	5.0 mm	Green	212F100-01	€ 4,65
100 mm	5.0 mm	○ White	212F100-02	€ 4,65

A net that meets all colour requirements!

Rigid design

These nets are stiffened after the production process and therefore particularly water-repellent.

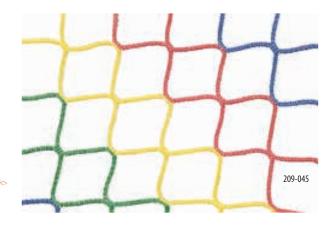
Because they combine 4 colours in one net, they are often used indoors as a form of decoration or as partition/ball pool nets in nurseries and playgrounds.

Safety nets made of high-tenacity polypropylene, rigid design

Mesh size approx.	Material dia appr.	Colour	Art. No.	per m²
45 mm	2 mm	Black	209S045-06	€ 5,40
	3 mm	4-coloured	209S045-4F	€ 5,40

Minimum order surcharge each single net:

Nets under $1 \text{ m}^2 + 200 \text{ }\%$ Nets under $5 \text{ m}^2 + 100 \text{ }\%$ Nets under $10 \text{ m}^2 + 35 \text{ }\%$ Nets under $20 \text{ m}^2 + 20 \text{ }\%$



Safety nets made of high-tenacity polypropylene

In this case, stretched across an area of water to protect birds and keep the airspace clear of birds for aeroplanes.

Location: Terminal 5, London/ Heathrow Airport

We recommend: No. 203-050/-100 Polypropylene, approx. 1.5 mm dia. (see page 46).



Bird protection nets

HUCK bird protection nets for the protection of buildings, monuments etc., from all kinds of birds, have become increasingly popular. These nets are particularly suited to driving the birds away gently.

With a filament diameter of just 1 mm, they are almost invisible.

These nets are specially manufactured to suit customers' requirements and are cut precisely to size. The nets are of high quality and extremely durable if correctly installed.

Recommended mesh size:

Pigeons: 50 mm mesh Starlings: 30 mm mesh Sparrows: 20 mm mesh

Bird protection nets made of high-tenacity polypropylene, cut

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
15 mm*	1 mm	Black	1202-015-06*	€ 2,50
		○ White	1202-020-02	€ 1,80
20 mm	1 mm	Black	1202-020-06	€ 1,80
		Hemp-coloured	1202-020-08	€ 1,80
	1 mm	○ White	1202-030-02	€ 1,25
30 mm		Black	1202-030-06	€ 1,25
		Hemp-coloured	1202-030-08	€ 1,25
50 mm		○ White	1202-050-02	€ 0,85
	1 mm	Black	1202-050-06	€ 0,85
		Hemp-coloured	1202-050-08	€ 0,85

(*) diamond mesh



Minimum order surcharge each single net:

Nets under $1 \text{ m}^2 + 200 \%$ Nets under $5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \%$ Nets under $20 \text{ m}^2 + 20 \%$



Prices exclude VAT and delivery

Accessories for fixing bird protection nets

Suitable for mounting bird protection nets on most concrete walls. Between the corner points the net should be fixed with split pins and nylon dowels on the steel rope (approx. every 0.50 metres).

The nets are of high quality and extremely durable if correctly installed.

Steel wire ropes (on spools of 250 m)

Article	Thickness	Art. No.	per spool
steel wire rope, galvanised	2 mm	WA2239	€ 55,00 / Spule



Steel wire rope bracing

Article	Thickness	Art. No.	per pack of
Tensioner	M6	WA2273	€ 25,00 10 pieces
Forged Eyebolt	M6	WA2281	€ 26,50 10 pieces
steel wire rope grip	3 mm	WA2255	€ 15,75 50 pieces
Split pin +	25 mm (*)	PW2191	€ 35,00 100 pieces
Drive rivet	25 mm (*)	PW2193	€ 25,00 100 pieces
hog rings	R8	WA2251	€ 21,50 2,500 pieces
(*) t -			









PW2191

PW2193



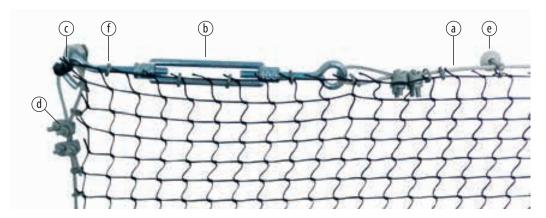
for fixing hog rings and drill for fixing splits and pins with drive rivet (6.5 mm) and Eyebolts (11 mm).

	Description	Art. No.	per piece
Ξ	Bostitch calliper (for hog rings)	WA2250	€ 89,50
	Drill, 6.5 mm	WA2383	€ 4,95
Ī	Drill, 11 mm	WA2386	€ 7,05





Information on securing devices for wooden or metal walls available on request.



- (a) steel wire rope, 2 mm
- (b) M6 Tensioner
- (c) Eyebolt
- d steel wire rope grip, 3 mm
- (e) split pin with Drive rivet
- (f) hog rings

Nets for aviaries and zoo enclosures

These nets are specially manufactured to suit customers' requirements and are cut precisely to size. The nets are of high quality and extremely durable if correctly installed.

We recommend: No. 200-020-06

Polypropylene, approx. 2.3 mm dia. (see page 46).



Net systems for wild cats in the Moritzburg wild reserve in Saxony; Germany.



Aviary nets

Nets to cover and close off bird breeding enclosures. Made of hard wearing UV-stabilised high tenacity polypropylene.

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
10 mm (*)	1.5 mm	Black	1203-010-06	€ 5,00
20 mm	1.5 mm	Black	1203-020-06	€ 2,30
30 mm	1.5 mm	Black	1203-030-06	€ 1,60
60 mm	1.5 mm	Black	1203-060-06	€ 0,95
100 mm	1.5 mm	Black	1203-100-06	€ 0,55

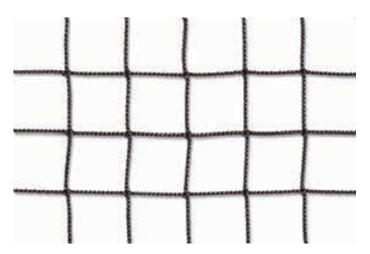
(*) diamond mesh

Securing ropes made from Polyethylene

Rope dia. approx.	Colour	Art. No.	per metre
3 mm	Black	2133-06	€ 0,14

Minimum order surcharge each single net:

Nets under $1 \text{ m}^2 + 200 \text{ }\%$ Nets under $5 \text{ m}^2 + 100 \text{ }\%$ Nets under $10 \text{ m}^2 + 35 \text{ }\%$ Nets under $20 \text{ m}^2 + 20 \text{ }\%$



Safety nets in braided knotless netting technology



Nets are available with either diamond or square mesh. Price on request.

UHMWPE is ultra-high molecular weight polyethylene, which is a high-performance fibre. The fibres have the lowest density of all reinforcing fibres and the maximum specific strength (strength-to-weight ratio).

Material	Material diametre	Mesh size
UHMWPE	approx. 1.8 mm	approx. 20 mm
UHMWPE	approx. 1.8 mm	approx. 30 mm
UHMWPE	approx. 1.8 mm	approx. 50 mm

Sand-pit cover nets

Made from high-tenacity, knotless polypropylene.

Mesh size approx.	Material dia appr.	Colour	Art. No.	per m²
20 mm	2.2 mm	Green	200-020-01	€ 6,15
20 mm	2.3 mm	○ White	200-020-02	€ 6,15
AF mm	45 mm 2.3 mm	Green	200-045-01	€ 3,40
43 [[][[]		O White	200-045-02	€ 3,40



No. 200-045-01 Sand pit cover net with rubber cord

Sand-pit cover sheets

Made from air-permeable PE knitted fabric, with eyes every 0.50 m and reinforced edging all the way round.

Weight approx.	Material	Colour	Art. No.	per m²
	PE-tape	Light green	720-010	€ 4,70
200		Dark green	720-015	€ 4,70
		Blue	720-04	€ 4,70



No. 720-015 Sand pit cover net with rubber cord + polyethylene knobs

Minimum order surcharge each single net / sheet:

Nets under $1 \text{ m}^2 + 200 \%$ Nets under $5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \%$

Nets under 20 $m^2 + 20 \%$

When ordering overlapping nets and sheets please take into consideration an overhang of 20 cm all round.

For nets and sheets which are not square in shape please ask for a quote.

Accessories for securing sandpit cover nets / sheets

Description	Colour	Art. No.	per
Rubber cord 6 mm	○ White	2126	€ 1,00 / metre
PE knobs	Black	2120-1	€ 8,00 / 10 pieces

Sandpit cover sheet available in standard sizes, including rubber tension cord

made of air-permeable PE, woven, approx. 200 g/m², include awning eyelets at intervals of 0.50 m **and rubber cord around.**

Dimension of sheet approx.	Colour	Art. No.	per piece
$2.00 \text{ m} \times 2.00 \text{ m}$	Dark green	7210-015	€ 25,20
$3.50 \mathrm{m} \times 3.50 \mathrm{m}$	Dark green	7211-015	€ 53,80
$4.00 \mathrm{m} \times 4.00 \mathrm{m}$	 Dark green 	7212-015	€ 69,60

Barrier net or staircase safety net in PVC-coated polyester

With selvedge upper edge Net height: 1 m.

With 6 snap-buckle belt ties to secure sides. Minimum length: 1 m.

Mesh size approx.	Material dia appr.	Colour	Art. No.	per metre
40 mm	4 mm	Black	9100-06	€ 20,50



No. 9100-06 Barrier net / staircase safety net

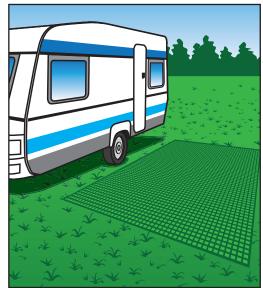
Lawn protection mesh

The ideal matting, perfect not just for tents, but also for terraces, balconies and lots of other applications. Awning mat made from hard-wearing polyethylene fabric strips, ca. 300 g/m².

Sun-proof and waterproof/water resistant, easy to fold and easy to clean.

Made from polyethylene fabric strips, ca. 300 g/m²





Features: non-slip

heat insulating

long lasting

weatherproof

completely colourfast

washable

Dimension approx. in m	Weight approx.	Colour	Art. No.	per roll
2.50×25.00	300 g/m ²	 Dark green 	788-015	€ 250,00
2.50×5.00	300 g/m ²	 Dark green 	7881-015	€ 50,00

Our lawn protection matting is environmentally friendly, long lasting, weather-proof and UV stable. Its open structure makes it ideal for outdoors, e.g. when camping or in the garden.

The fabric is air and water permeable, i.e. the lawn is protected, ventilated and will not die.

The material is easy to cut with standard scissors to a size to suit you and will not fray. To clean the fabric, all you have to do is brush it off, shake it or simply spray with a garden hose.

The lawn protection fabric has a pleasant feel to it and can be used on either side.





Sun sail made from air-permeable PE fabric

Including two support poles (Ø 40 mm) and tensioning stays. Ready to assemble.

Size in m	Weight approx.	Colour	Art. No.	per piece
4.50×4.50	200 g/m ²	Blue	5740-04	€ 307,50
6.00×6.00	200 g/m ²	Blue	5760-04	€ 380,00



Hay nets / fodder rack nets / feed saver nets

These are high quality and long lasting.

Made from high-strength polypropylene, approx. 5 mm dia., in green, reinforced edging all round.

More hay nets in standard sizes, see page 58.

Hay net pocket

reinforced edging all round and with 30 cm loop.

Recommended item:

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	5 mm	Green	212-045-01	on request
60 mm	5 mm	Green	212-060-01	on request

Fodder rack net

reinforced edging all round.

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
30 mm	5 mm	Green	212-030-01	€ 9,90
45 mm	5 mm	Green	212-045-01	€ 6,90
60 mm	5 mm	Green	212-060-01	€ 6,35



Fodder rack net made of art. no. 212-045-01

Minimum order surcharge each single net:

Nets under $1 \text{ m}^2 + 200 \% \mid \text{under } 5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \% \mid \text{under } 20 \text{ m}^2 + 20 \%$

Hay nets in box form

Net base underneath, open on top.

This net can be thrown over a whole hay bale, the bale turned over and tied on the other side or hung up using a hoist.

Includes a 2 m pull cord!

Mesh size approx.			per piece
45 mm	$1.50 \times 1.50 \times 1.50$	8510-045-01	€ 147,00
60 mm	$1.50 \times 1.50 \times 1.50$	8510-060-01	€ 128,00



Hay net in box form, Article no. 8510-045-01

Hay nets for horses and agriculture

made from knotless, high tenacity polypropylene. Length: approx. 1.10 m (sack). High capacity, in the colour green and with drawstring on top of the net.

Mesh size approx.	Material dia approx.	with galvanised rings (on top)	Art. No.	per piece
100 mm	4 mm	yes	850-01	€7,00
45 mm	3 mm	no	851-01	€7,00
45 mm	4 mm	no	852-01	€8,00



Protective net for biogas installations

Safety nets are used in order to

- a) secure gas storage membranes when there is outward expansion
- b) protect inner gas storage membrane in the fermentation medium

Outer net of a biogas installation in the USA with safety net made from high-strength polypropylene, approx. 5 mm dia., mesh size approx. 45 mm





Huck do-it-yourself nets

Made of knotless high-tenacity polypropylene

All nets have a square mesh and a secure edge all the way around.

Typical areas of application are illustrated on the enclosed 4-language information sheet (left).

Material dia appr.	Mesh size approx.	Size in m	Colour	Art. No.	per piece
1.5 mm	30 mm	$4 \times 4 \mathrm{m}$	Black	50 000	€ 33,85
2.3 mm	20 mm	$1\times4\mathrm{m}$	○ White	50 100	€ 22,50
2.3 mm	45 mm	$2 \times 5 \mathrm{m}$	Dark green	50 200	€ 30,15
2.8 mm	120 mm	$3 \times 5 \mathrm{m}$	Orange	50 300	€ 29,85
3.0 mm	100 mm	$2 \times 5 \mathrm{m}$	Green	50 400	€ 26,95
4.0 mm	100 mm	$2 \times 5 \mathrm{m}$	Yellow	50 500	€ 31,95

as long as stock lasts

Size of the packaging: approx. 40 cm \times 35 cm \times 10 cm

Packaging material: resealable PE pocket

with a coat hanger handle at the top

Contents: – one ne

one cover sheet/contents page

 on the back, a sheet of cardboard covered in net (for a better view of

the mesh size)

Luggage nets for use in cars, buses, trains, aeroplanes, etc.

Injuries sustained in an accident or when a vehicle brakes heavily caused by unsecured, heavy or sharp-edged objects can be avoided if these objects are packed safely and securely.

Nets are the ideal solution. The size of the net can be varied and they can almost always be adapted to the objects being stored. Items can be removed from the net easily and then repacked very quickly and safely.

A further advantage of using a luggage net is that the contents are always visible.

There are two different types of **"luggage nets"**: knotless, woven nets (traditionally without integrated elastic threads) and elastic nets.

Elastic nets can be stretched 50–100% further than material nets, can be used on their own as floor or bag nets and can be adapted for various types of load.

Knotless nets without elastic are usually used with net frames, etc., as they fit more precisely. Of course these nets can also stretch to fit the luggage being secured.





Firm floor net

In knotless, high-tenacity polypropylene, diamond mesh, in black, edged all round with approx. 5 mm dia. shock cord, and with net hooks at each corner.

Material	Mesh size	Size	Art. No.	per piece
dia appr.	approx.	in mm	711 40 1144	per prese
3 mm	40 mm	900 × 900 mm	860-06	€ 6,00

Flexible floor net with anti-slip knobs

Made from knotless high-tenacity polypropylene, diamond mesh, colour grey, 5 mm rubber cord all round , net hooks on the 4 corners.

Material	Mesh size	Size	Art. No.	per piece
dia appr.	approx.	in mm		
2 mm	18-20 mm	800 × 1000 mm	876-65	€ 10,00



Flexible floor net

In knotless, high-tenacity, flame-retardant polypropylene / elastane, diamond mesh, in black, edged all round with approx. 5 mm dia. shock cord, and with net hooks at each corner.

Material dia appr.	Mesh size approx.	Size in mm	Art. No.	per piece
2 mm	18-20 mm	900 × 900 mm	884-06	€ 8,00
3 mm	25 mm	$800 \times 1000 \mathrm{mm}$	875-06	€ 8,00



Indoor divider curtains

Our divider curtains are a cost-effective way to divide hall sections.

The lower section of net can be replaced by breathable fabric to make them more opaque.

For suspension accessories see page 48 + 49.



Please note:

As these combinations of netting and tarpaulin have to be manufactured individually for each sports hall, **please** enquire about an entire solution in advance.

The nets/tarpaulins are not the same size as the area to be covered and the actual size you require must be calculated first.

Indoor divider curtains made of high-tenacity polypropylene

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
45 mm	2.3 mm	Green	200-045-01	€ 3,40
		Dark green	200-045-015	€ 3,40
		Blue	200-045-04	€ 3,40

Also available with flame retardant finish on request (No. 775).



with a reinforced strip all the way around, for attachment to divider nets.

Weight approx.	Material	Colour	Art. No.	per m²
		Light green	720A-010	€ 4,55
200	PE	 Dark green 	720A-015	€ 4,55
		Blue	720A-04	€ 4,55

Attachment / sewing together

of sheet no. 720A and safety net no. 200-045.

Art. No. 7222

€ 4,50 per metre

Minimum order surcharge

each net / tarpaulin:

Nets under $1 \text{ m}^2 + 200 \%$ Nets under $5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \%$ Nets under $20 \text{ m}^2 + 20 \%$



Play area safety nets

The use of "no-climb nets" also makes it difficult to climb the nets and provides an additional safety feature.

We supply them in different strengths and a mesh size of just 10 mm.

Minimum order surcharge

for small quantities of play area safety netting per individual net:

Less than $1 \text{ m}^2 + 200 \%$ Less than $5 \text{ m}^2 + 100 \%$ Less than $10 \text{ m}^2 + 35 \%$ Less than $20 \text{ m}^2 + 20 \%$

Play area safety nets made of high-tenacity polypropylene

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
		Green	209-045-01	€ 4,20
	3 mm	O White	209-045-02	€ 4,20
		Blue	209-045-04	€ 4,20
1E mm		Yellow	209-045-05	€ 4,20
45 mm		Black	209-045-06	€ 4,20
		Red	209-045-07	€ 4,20
		Hemp-coloured	209-045-08	€ 4,20
		• 4-coloured (*)	209-045-4F	€ 4,80

(*) 4-coloured = ● Green/ Yellow/ Red/ Blue (see photo in the top left)

No-climb-nets

makes the nets more difficult to climb, thus providing additional safety. Colour: $\bullet \;\;$ Black

Mesh size approx.	Material dia approx.	Colour Art. No		per m²
8 mm	1.8 mm	PES, in flame- retardant finish	204F008-06	€ 8,40
8 mm	1.5 mm	PP ht.	203-008-06	€7,40

Items 204F008 and 203-008 in hexagonal mesh size are cut and given its edging on request.

Nets with a flame-retardant finish or rigid design

In various colours and mesh sizes on page 51.

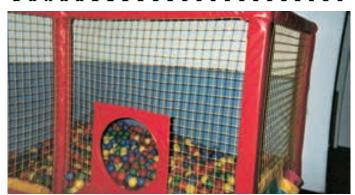
Multi-Sports-Facilities

Net in knotless, high-tenacity polypropylene. Available in different diametres, mesh sizes and colours, according to type of sport.

Prices and sizes on request.







Safety nets and sheets

There is almost no other material that meets the requirements of safety in such a cost-effective and variable way as nets and sheets do.

Please don't hesitate to give us a call and ask for advice.

We will definitely have the solution to your problem.

Water-slide safety nets

Made from high-tenacity, knotless polypropylene.

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
45 mm	3 mm	○ White	209-045-02	€ 4,20

No. 209-045-02 Water slide safety net

No. 771-01 Archery protection net

Archery protection nets

Made of high tenacity polypropylene, flame retardant, tightly woven, fitted with eyelets every 30 cm on the upper section and selvedge all the way round, in any dimension.

Weight approx.	Material	Colour	Art. No.	per m²	
510	PP high	Green	771-01	€ 13,50	
		○ White	771-02	€ 13,50	
	tenacity	Blue	771-04	€ 13,50	

Catamaran net in polyester

Diamond mesh, in approx. 500 mesh-wide bale (not available in square mesh).

Mesh size approx.	Material dia Colour appr.		Art. No.	per kg
13 mm	3 mm	○ White	216-015-02D	on request
30 mm	4 mm	○ White	210-030-02D	on request



No. 216-015-02D Catamaran net

Railing net in polyester

Square mesh on **60** cm \times **50** m spools.

Mesh size approx.	Material dia approx.	Colour Art. No		per spool
45 mm	3 mm	○ White	2160-045-02	€ 150,00

Railing net in polyester

Fixed width 0.60 m.

Mesh size approx.	Material dia approx.	Colour	Art. No.	per metre
45 mm	3 mm	○ White	2160-045-00	€ 5,00



No. 2160-045-02 Railing net

Minimum order surcharge each single net / sheet:

Nets under $1 \text{ m}^2 + 200 \% \mid \text{under } 5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \% \mid \text{under } 20 \text{ m}^2 + 20 \%$

Safety nets for unusual applications

A net can be used to catch falling objects in an almost unlimited number of ways. Netting is an extremely versatile material. We supply safety nets in a wide variety of mesh sizes, dimensions and strengths.

Safety nets for motorway bridges

Additional protection for people using motorway bridges if there is space between the lanes.

These stop nets protect people from falling and conform to EN 1263-1.

Recommended item: No. 1903-100-01 (see page 76).



Sewage treatment safety nets

Sewage works safety nets

Large surface area safety nets can be used to guard extremely dangerous areas within sewage treatment works.

on request

Embankment / gradient safety nets

Made of high-tenacity polypropylene, knotless.

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²	
	3 mm	Green	209-045-01	€ 4,20	
45 mm	4 mm	Green	215-045-01	€ 6,35	
43 11111	5 mm	Green	212-045-01	€ 6,90	
		○ White	212-045-02	€ 6,90	
100 mm	6 mm	○ White	213-100-02	€ 9,50	

Minimum order surcharge each single net:

Nets under $1 \text{ m}^2 + 200 \% \mid \text{under } 5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \% \mid \text{under } 20 \text{ m}^2 + 20 \%$



No. 209-045-01 Embankment safety nets

Laundry nets, washing machine safe, with draw cord

For laundries, made from polyester, knotless.

Width appr.	Height appr.	Colour	Art. No.	per piece
40 cm	60 cm	○ White	275-02	on request
60 cm	80 cm	○ White	276-02	on request
70 cm	100 cm	White	277-02	on request
80 cm	120 cm	○ White	278-02	on request



Orchestra pit net



Individually produced personal safety nets for orchestra nets prevent unnecessary dangers/injuries, which could arise during a fall from the stage.

In addition they give the actors certain level of "Added" safety, since in the event of a fall they will certainly be caught.

A Huck orchestra pit net provides the following advantages:

- approved personal safety net in accordance with DIN EN 1263-1
- they allow the conductor uninterrupted conducting
- they are light and air-permeable
- they facilitate direct eye contact between conductor, musician and actor
- they safeguard the entire orchestra pit between stage and rostrum
- they are acoustically transparent

Net material used:

Article No. 1903-100 and 1903F-100 (flame retardant-impregnated material)



Garage repair bay pit net



Increasingly there are serious accidents in garages, whereby the repair bay pits have not been adequately safeguarded.

To this end we provide a passage protection which would catch a person in the event of a fall.

This system can be opened and closed within a few seconds.

Also the first installation can be implemented with little expenditure by each garage itself.

Good reasons for garage repair bay pit nets:

- they are easy-to-install.
- opening and closing is possible in less than a minute.
- garage repair bay pit nets facilitate maximal inspection so that the workers are not impeded in their view.
- they allow free air circulation so that workers are not impeded by stifling air.
- they add to the safety of your garage. Thanks to the quick and easy use they are well accepted by workers, and thanks to the increased feeling of safety concentration is on work at all times.
- they can be installed in any size and form. Also the height of fastening can be adjusted on site in any pit.
- they are fuel-resistant oil and petrol do not damage the net.

Minimum order surcharge each single net:

Nets under $1 \text{ m}^2 + 200 \%$ | under $5 \text{ m}^2 + 100 \%$ Nets under $10 \text{ m}^2 + 35 \%$ | under $20 \text{ m}^2 + 20 \%$



Components:

Article-No. 212-045-01/-06/-07

Net made from ultra-strong polypropylene, approx. 5 mm diametre
Colour: ● Green ● Black ● Red € 6,90 per m²

Article-No. 2100

Steel wire rope, 6 mm dia, galvanised € 1,40 per metre

Article-No. 2118

Turnbuckle M10, fork/fork with 2 grommets and 6 wire rope clips € 10,00 per set

Article-No. 2016

Fire brigade carabiner hooks, 120 × 11mm, for connecting several nets (maximum distance: 1 m!) € 3,85 per piece





No. 720 ● Orange / ● Terracotta, ● Blue / ● Dark green; Polyethylene fabric, approx. 200 g/m²



No. 760 ● Black Polyethylene fabric, approx. 240 g/m²



No. 775 ● Dark green Polyethylene fabric, approx. 320 g/m²



No. 775 ● silber / ● creme Polyethylene fabric, approx (Silver: flame ratardant), approx. 320 g/m²



No. 775 • Blue Polyethylene fabric, approx. 320 g/m²



No. 790 • Green PVC Coated mesh, approx. 450 g/m²



No. 795 ● Hemp coloured Jute, woven fabric approx. 450 g/m²



No. 785 • Green Polypropylene h.t, approx. 550 g/m²

Air-permeable plastic sheets in any dimensions per m²

Description	Weight approx. per m²	Colour	Shading	ArtNo.	per m²
Polyethylene	200 g	● Light green ● Dark green ○ White ● Blue	50:50	720	€ 4,70
Polyethylene	200 g	● Orange ● Red ● Terracotta ● Silver ● Cream	50:50	720	€ 5,30
Polyethylene	220 g	Dark green	90.10	765	€ 6,00
Polyethylene	240 g	Black	50:50	760	€ 5,80
Polyethylene	320 g	Dark greenBlueGraySilver (flame retardant finish)	90:10	775	€7,70
Polyethylene	320 g	Cream	90:10	775	€7,70
PES woven mesh with PVC coating	450 g	• Green	50:50	790	€7,70
Jute	450 g	Hemp coloured		795	€ 9,90
Polypropylene ht.	550 g	• Green	50:50	785	€7,70

= 01 = Green

= 03 = 0range

= 08 = Hemp coloured

● = 010 = Light green

= 04 = Blue

= 65 = Gray

= 015 = Dark green

● = 06 = Black

= 66 = Silver

 \bigcirc = 02 = White

● = 07 = Red

= 76 = Terracotta

= 86 = Cream

When ordering, please indicate the colour number!

Example Article No.: e.g. 785-**01** = **Green**

Reinforced or shaped corners available on request!

Minimum order surcharge

for air permeable plastic sheets each single sheet:

Sheets under 1 m² + 200 %

Sheets under $5 \text{ m}^2 + 100 \%$ Sheets under $10 \text{ m}^2 + 35 \%$

Sheets under 20 m² + 20 %

Technical textiles and materials — supplied on roll

Price is calculated per roll.

(*) HDPE = High density Polyethylene

All features are shown on page 65.



Polyethylene Closemesh made with eyelets

Distance between eyelets: 5 cm

Weight approx.	Roll size approx. in m	Colour	Art. No.	per roll
75 g/m ²	2.57 × 20.00	Green	7401-01	€ 33,40
75 g/111	2.37 \ 20.00	Blue	7401-04	€ 33,40
75 a/m²	3.07×20.00	Green	7402-01	€ 39,90
75 g/m ²	3.07 × 20.00	Blue	7402-04	€ 39,90
75 a/m²	2.57×10.00	Green	7403-01	€ 16,70
75 g/m ²	2.37 × 10.00	Blue	7403-04	€ 16,70
75 a/m?	3.07×10.00	Green	7404-01	€ 19,95
75 g/m ²	3.07 × 10.00	Blue	7404-04	€ 19,95
		Green	7405-01	€ 83,50
75 g/m ²	2.57×50.00	White	7405-02	€ 83,50
		Blue	7405-04	€ 83,50
		Green	7406-01	€ 99,75
75 g/m ²	3.07×50.00	White	7406-02	€ 99,75
		Blue	7406-04	€ 99,75
100 g/m ²	6 × 10.00	Green	74201-01	€ 49,80
100 g/m ²	8 × 10.00	Green	74202-01	€ 66,40
100 g/m ²	10 × 12.00	Green	74203-01	€ 99,60
100 g/m ²	10 × 15.00	Green	74204-01	€ 124,50

Polyethylene Closemesh made without eyelets

Both long sides with double edge.

Roll size approx. in m	Colour	Art. No.	per roll
2.00 × 100.00	Light green	7204-010	€ 500,00
	Dark green	7204-015	€ 500,00
3.50×100.00	 Dark green 	7203-015	€ 875,00
	approx. in m 2.00 × 100.00	approx. in m 2.00 × 100.00 Colour Light green Dark green	2.00 × 100.00 Colour Art. No. 2.00 × 100.00 Light green 7204-010 Dark green 7204-015

Different sheets (without eyelets)

Weight approx.	Material	Roll size approx. in m	Colour	Art. No.	per roll
450 g/m ²	Polyester fabric mesh with PVC-coating	3.70 × 50.00	Green	7903-01	€ 921,10
550 g/m ²	High tenacity polyprop. raschel made	3.18×50.00	Green	7853-01	€ 826,80

Polyethylene Closemesh made without eyelets

Weight approx.	Roll size approx. in m	Colour	Art. No.	per roll
40 g/m ²	2.95×100.00	Green	7301-01	€ 98,50
		Light Green	7205-010	€ 1.000,00
200 g/m ²	4.10×100.00	Dark green	7205-015	€ 1.000,00
		Blue	7205-04	€ 1.000,00
	3.00× 32.00	Dark green	7753-015	€ 492,80
		Blue	7753-04	€ 492,80
320 g/m ²		Silver	7753-66	€ 492,80
		Cream	7753-86	€ 492,80
		Gray	7753-65	€ 492,80
240 g/m ²	4.14×100.00	Black	7605-06	€ 1.260,00

Heavy sheet made of PP, tightly woven (without eyelets)

flame retardant, can be used as archery protection net, partition curtain, etc.

Weight approx.	Roll size approx. in m	Colour		per roll
510 g/m ²	4.00×50.00	GreenWhite	7714-01 7714-02	€ 1.700,00 € 1.700,00

No. 7714-01 Green Polypropylene, woven, approx. 510 g/m²



Knitted webbing net rolls



High-strength polyester knitted webbing net, material strength approx. 30000 tex. Minimum breaking load approx. 1200 daN, Bandwidth of individual bands approx. 25 mm.



Mesh size	Weight per m²	Size/ dimension	Colours	ArtNo.	Price per Roll
200 x 200 mm	approx. 325 g	4,425 x 100 m	Orange	6325-200-03R	€ 5.000,00
200 x 100 mm	approx. 475 g	4,425 x 50 m	Orange	6325-200100-03R	€ 3.000,00
200 x 100 mm	approx. 475 g	2,025 x 96 m	Blue	6325-200100-04R	€ 2.880,00
100 x 100 mm	approx. 600 g	3,225 x 50 m	Orange	6325-100-03R	€ 3.500,00

Harvesting net made of polyethylene fabric

A UV-stabilised net for efficient harvesting of olives, nuts, etc.

Weight approx.	Roll size approx. in m	Colour	Art. No.	per roll
40 g/m ²	2.95×100	Green	7301-01	€ 98,50



Silage covers made of polyethylene fabric

Can also be used as hay cover sheet.

Weight approx.	Roll size approx. in m	Colour	Art. No.	per roll
200 g/m ²	4.10×100	Dark green	7205-015	€ 1.000,00

Other sizes (6 \times 10 m, 8 \times 10 m, 10 \times 15 m), see page 66!



Toad nets made of polyethylene fabric

Air-permeable with peripheral reinforcement and eyelets 1 m apart, per running metre. Protects against toads during migration season.

Height	Length	Colour	Art. No.	per metre	
0.50 m	on request	Dark green	721-015-00	€ 2,50	



View obstruction screen made of polyethylene fabric

Air-permeable, with reinforced selvedge on the periphery, per metre. With eyelets every 50 cm. Including support hooks.

Weight approx.	Height	Length	Colour	Art. No.	per metre
200 g/m ²	2 m	on request	 Dark green 	712-015	€7,25



Equipment for neighbourhood playgrounds

as multi-functional games equipment in residential areas

To offer suitable and creative options, we now have neighbourhood playground equipment like that already tested in France. A place where young people can meet and play sport either on their own or as a team without having to worry about accidentally breaking windows or property. Equipped with vandalism protection sports nets, these playgrounds are not only highly durable but also improve the quality of residential areas.



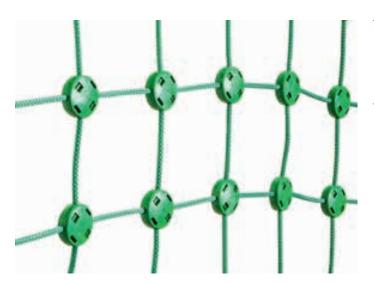


Stop nets with steel core

Suitable for dividing sports fields or stopping balls. Knot connection with DBGM clips

Mesh size- appr.	Material dia appr.	Colour	Art. No.	per m²
100 mm	5 mm	Green	4305-100-01	on request

Other colours on request



When used as an anti-vandal stop net for balls, our Hercules netting absorbs more sound than a wire mesh or steel fence.

The sound emission level was measured in accordance with EN ISO 11202.



Dralo[®] wire rope netting

Dralo® as outdoor protection for a heliport at a hospital in Meran

Area of use

Wire rope nets made from DRALO® are used as

- horizontal nets for fall protection (e.g. heliport)
- vertical nets etc. for side protection (railing nets)

For these intended purposes the necessary tests have been successfully performed for the obtainment of the general building inspection approval.

Certification by the DIBT is still outstanding.

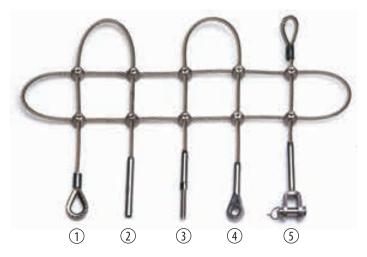
DRALO® nets are available in the following variants:

- a) galvanised steel cable with alum. clamps
- b) stainless steel 1.4401 with stainless steel clamps
- c) stainless steel 1.4401 with alum. clamps

IMPORTANT: With self-assembly the nets should not be caught or twisted. Caught or twisted nets have considerably reduced strength due to the recurring shear forces and the additional stresses around the edges.

DRALO® nets can be put together with a choice of the following:

- (1) Tensioning eyelet
- (2) Internal screw fitting
- (3) Screw fitting
- (4) Eyelet fitting
- (5) Fork fitting



Please request a detailed quote for your special area of application!

Assembly / net fastening

DRALO® Nets have a square mesh design. Due to the meandering nature of the mesh a loop emerges in every second mesh all around.

This loop serves mainly as a fastener. The loops are either fastened to the wire cable rope surround which is then pulled tightly or they are fitted directly to the rings. Please ask for a detailed quote for the many assembly possibilities.

Load carrying capacity / tensile strength

When used as a catch net it should be taken into account that it is a rigid net system, which in comparison to synthetic nets has irregular and lower energy absorption. The tensile strength of the used steel cable corresponds to standard measurements; the displacement power from the side at the cross-over point is between 80 g and 350 g.

The following is crucial for a complete evaluation:

- a) securing
- b) the total size of the net

The maximal width of a single net without end connectors amounts to 5 m, the weight of a single net should not exceed 300 kg.

	Mesh size in mm:							
Wire thickness	25	50	75	100	125	150	175	200
1.5 mm ø	×	X	×	×	×	X	×	×
2.0 mm ø	X	X	×	X	X	X	×	×
3.0 mm ø	X	X	×	×	X	X	×	×
4.0 mm ø		×	×	×	×	×	×	X
5.0 mm ø			×	X	X	X	X	X







Dralo "Xtreme"

Wire rope net DRALO "Xtreme" in test framework

This version is produced in bolted design and is therefore very strong.

For extreme stress: e. g. as rockfall net in concrete works.

Of course other forms are possible too here: Square, rectangle, oval . . .

The absorbers can be continuously adjusted to requirements.



For protection from falling objects.

For extreme stress: e.g. as rockfall net in concrete works . . .

To test load-bearing capacity drop tests were performed by the (DGUV) Institute for Safety at Work of the German Statutory Accident Insurance.

For the tests DRALO nets with a rope diameter of 6 mm and a mesh size of 100 mm were selected. A specially produced steel frame with a horizontal ring insert on 8 supports at a height of 3 m was used as a testbed.

During the drop tests the test mass was caught without causing damage to the net or absorber system that could affect safety.

To reduce impact energy when catching the testing mass specially developed absorber systems are used.

No. 4860-100

Wire rope net in galvanised steel wire rope approx. 6 mm ø, 100 x 100mm.

Square mesh formation **Price on request**





Actual condition following the drop test, with triggered "absorbers"
Test body was an irregular-shaped boulder. Weight: 685 Kg, height of drop: 7.50 m



Mahulan Steel

A machine-made safety net with a stainless-steel core (wire strand) with the product name "Mahulan Steel" (DBGM 20 2006 011 018).

At a glance, this knotless net scarcely looks any different from our normal textile nets, but it has a stainless-steel, wire-strand core as vandalism protection and at the same time offers a high level of noise absorption.

The soft net with the hard centre.

Knotless net "Mahulan Steel" with stainless-steel, wire-strand

Made of high tenacity polypropylene in flame-retardant design, yarn,material thickness approx. 4.75 mm, including a stainless-steel wire strand (approx. 1.25 mm thick)

Fixed net width	Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
	50 mm	1.25/4.75 mm	Dark green	9830-050-015	on request
3 m	60 mm	1.25/4.75 mm	Dark green	9830-060-015	€ 28,00
	105 mm	1.25/4.75 mm	Dark green	9830-105-015	€ 16,50
	50 mm	1.25/4.75 mm	 Dark green 	9840-050-015	on request
4 m	60 mm	1.25/4.75 mm	 Dark green 	9840-060-015	€ 28,00
	105 mm	1.25/4.75 mm	Dark green	9840-105-015	€ 16,50



Minimum order surcharge each single net:

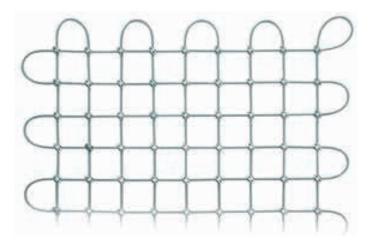
Nets under 1 m² + 200 % Nets under 5 m² + 100 % Nets under 10 m² + 35 % Nets under 20 m² + 20 %

"Powernet" wire rope netting

This is the screw-connected design version and is therefore the strongest.

For conditions subject to extreme stress: e.g. netting for blasting operations, or protection against falling rocks and loosened tree-trunks, etc.

Mesh size- approx.	Material dia approx.	Mesh size- configuration	Art. No.	per m²
100 mm	6 mm	square	4000-100	on request
150 mm	8 mm	square	4001-150	on request





Rope ladders with polypropylene ropes, dia. 16 mm

Made of approx. 16 mm PP ropes (DIN EN 699). For industrial uses and salvage work. UV-resistant. With a socket and suspension ring on both sides at the top.

Rung	Rung length	Rungs per metre	Colour of the ropes	Art. No.	per metre
Acacia	acia 40.0 cm	2	Orange	40-03	€ 44,80
Acacia	40.0 (111)	Hemp coloured	40-08	€ 44,80

Rope ladders with Hercules ropes, dia. 16 mm

With a socket and suspension ring on both sides at the top.

Rung	Rung length	Rungs per metre	Colour of the ropes	Art. No.	per metre
Aluminium	45.0 cm	3	Blue	42-04	€ 52,00
Acacia	40.0 cm	3	Blue	44-04	€ 51,70
Synthetic	40.5 cm	3	Blue	44-10-04	€73,20

Wire rope ladder made of galvanised steel wire rope, approx. 5 mm dia

- Construction: $6 \times 19 + 1$ SE (1 + 6 + 12 = 114 wires)
- Aluminium rungs
- Safety hooks conforming to DIN 5290
- Weight: 1.4 kg / metre
- Carrying capacity: 240 kg
- Up to 3 people can use it at the same time
- Manufactured in lengths of 1 18 m

Also available in rust proof stainless steel, material 4401.

Rung length	Distance betw. rungs	Rung- spacer	Art. No.	
	280 mm	without	50	€ 95,80 (Header piece = 1. metre)
450 mm			50-00	€ 41,50 (each additional metre)
450 111111		with	51	€ 104,50 (Header piece = 1. metre)
			51-00	€ 47,80 (each additional metre)

Over 18 m on request!

Recommended ground clearance: 40 cm between the floor and the first rung.

Order length: always from the point of suspension to the lowest rung.

When calculating the cost of rope ladders we round up to the next whole metre.

Snow fence with integral polyester posts

Made from rot-proof polyethylene with integral, flexible, fibre-glass reinforced polyester posts. Post with cap made of polyamide and includes 2 eyes to attach the support ropes. The special mesh creates the ideal snowdrift.

- Length of the fence: 50 m
 Height of the fence: 1.10 m
 Distance between posts: 3 m
- Number of posts: 18 pieces. 12 mm dia.
- Accessories: 18 double support ropes, 36 ground anchors and 18 ground spikes.
- Total weight incl. accessories: approx. 49 kg

Snow fence

subsoil	Weight of the fence	,		Art. No.	per roll	
Solid floors	17 kg	approx. 50 kg	Green	7040-01	€ 475,00	
For loose ground	17 kg	approx. 52 kg	Green	7040-2-01	€ 495,00	



No. 7040-01 Snow fence

Recommended assembly:

Roll out the fence and knock in the ground sleeves (see below). Before securing the fence. pull each individual panel tight. Place the caps and tension cords on top of the posts.

Please note: knock in the ground anchors as far as they will go and set the tension/initial tension.

In order to keep the area affected by the wind to a minimum and provide a path for wild animals. erection of the 50 m fences should be staggered.

Our installation and removal instructions can be found on the following link: www.snh-huck.net

Posts and ground anchor puller

We have a specially designed tool for taking down our snow fence with no trouble at all.

Art. No. 2156

€ 102,00 per piece





Art-No.

7030-03

per roll

€ 194,00

Ski-slope barriers with integral polyester posts

Made from rotproof polyethylene with integral, flexible, fibre-glass reinforced polyester posts.

Colour

Orange

– Length of the fence: 50 m
$-$ Height of the fence: 1.10 $\mbox{\em m}$

- Length of the posts: 1.50 m

- Distance between posts: 2.50 m
- Number of posts: 21 pieces, 12 mm dia. with steel tips
- Accessories: 2 ground anchors, 2 support ropes, 1 storage sack

Ground sleeves / Supporting disc

Ground sleeves made from impact-resistant polyamide. Length: 230 mm. Suitable for putting spikes into any subsoil. To prevent ground sleeves from sinking into very soft ground, the sleeves are inserted through a **supporting disc** (only in connection with extended ground sleeves: no. 7040-2 and no. 2158-4.)

subsoil	Description	Art. No.	per piece
for any subsoil	Ground sleeves, Length: 280 mm	2158-4	€ 4,80
for soft subsoil	Supporting disc	2158-12	€ 2,50







No. 7030-03 with integral posts

Huck snow fence:

- Lightweight for transportation
- Easy to move
- Rapid assembly

Ski-slope safety nets conforming to NF S 52-106

To date, ski slope safety net requirements have been regulated by the FIS, which has insisted on a maximum mesh size. In addition, the net should catch a skier travelling into it at a certain speed. However, there have been no suitable methods for testing this and there is still no European standard.

This gap has led to the French developing national standard NF S 52-106 "Production of Nets for Safety Purposes".

In accordance with EN 1263-1 "Personal Safety Nets", it includes minimum energy absorption requirements, which are as follows:

a) For ski-slope safety nets for rigid posts (safety net S1) (test net size: 3 × 3 m)

3,800 joules

b) For ski-slope safety nets for flexible posts (safety net S2) (test net size: 3 × 2 m)

3,400 joules

The minimum height for safety nets S1 and S2 is 1.30 m. However, the size of the test nets and the type of fall and energy tests deviate from EN 1263-1.

Our company, represented by Huck Occitania S.A., was involved in producing the standard.

We can supply appropriately certified products.



No. 3000-100-07

Ski-slope safety net S1 (for rigid posts)

Made of high-tenacity polypropylene, approx. 5 mm thick, with **integral** rope edging, 12 mm thick, all the way around (30 kN).

Mesh size approx.	Material dia appr.	Colour	Art. No.	per m²
70 mm	5 mm	Red	1903-070-07	€ 6,50
100 mm	5 mm	Red	1903-100-07	€ 4,10

These nets are also available in colour • 03 Orange

Ski-slope safety net S2 (for flexible posts)

Made of high-tenacity polypropylene, approx. 5 mm thick, **with rope loops** all the way around.

	Mesh size approx.	Material dia approx.	Co	Colour	Art. No.	per m²	
Ī	70 mm	5 mm	•	Red	3000-070-07	€6,20	
	100 mm	5 mm	•	Red	3000-100-07	€3,80	

These nets are also available in colour • 03 Orange

Minimum order surcharge each single net:

nets under $1 \text{ m}^2 + 200 \% | \text{under } 5 \text{ m}^2 + 100 \%$ nets under $10 \text{ m}^2 + 35 \% | \text{under } 20 \text{ m}^2 + 20 \%$

Except those in standard measurements.



Article No. 1903-070-07

Test certificates:

Item-Nummer	lest Certificate-No.
1903-070-07	ES-635-A
1903-100-07	ES-634-A
3000-070-07	ES-636-A
3000-100-07	ES-637-A

Ski-slope triangular net made of high-tenacity polypropylene

With 12 mm polypropylene surround rope. Ground line 2.50 m, height 6 m, with 3 loops on the ground line and 1 loop on the top.

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
70 mm**	5 mm	Orange	2065-070-03	€ 106,50
100 mm	5 mm	Orange	2065-100-03	€ 71,50

Ski-slope triangular net made of high-tenacity polypropylene

With 12 mm polypropylene surround rope. Ground line 6 m, height 6 m, with 5 loops on the ground line and 1 loop on the top.

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
70 mm**	5 mm	Orange	2067-070-03	€ 239,50
100 mm	5 mm	Orange	2067-100-03	€ 155,50

Ski-slope safety nets made of knotless, hightenacity polypropylene, without accessories

Mesh size approx.	Material dia approx.	Colour	Art. No.	per m²
70 mm**	5 mm	Orange	212-070-03	€ 6,05
100 mm	5 mm	Orange	212-100-03	€ 3,70

^{**} Mesh size complies with requirements of the Fédération Internationale de Ski (FIS).

Should any extra clips be required, these are added on separately (except standard nets), see articles 2017/2019/2021.

Ski-slope poles

Polycarbonate net poles with hooks, caps and tips.

Thickness	Length	Art. No.	per piece
35 mm	1,600 mm	21610	€ 24,00
35 mm	2,500 mm	21620	€ 41,50

Ski-slope safety nets made of high-tenacity polypropylene in standard dimensions

Net size	Mesh size approx.	Material dia appr.	Colour	Art. No.	per piece
$1.20 \times 25 \text{ m}$	100 mm	3.5 mm	Orange	2073-100-03	€ 70,50
$1.80 \times 25 \text{ m}$	100 mm	3.5 mm	Orange	2074-100-03	€ 105,75

Prices exclude VAT and delivery

Securing and surround ropes

Material	Material dia approx.	Colour	Art. No.	
PP-rope	12 mm	Orange	2136-03	€ 1,05 / metre
PE-rope	6 mm	Orange	2130-03	€ 0,60 / metre
Surcharge for ey integrated in the		2017	€ 5,50 / piece	
Surcharge for rope loops fitted into surround rope			2019	€ 5,00 / piece
Surcharge for DGBM safety net clips fitted into surround rope			2021	€ 5,00 / piece

Tensioning device

For ski-slope safety nets, comprising of 1 quick-action tensioner and an approx. 9 mm dia. orange plastic rope, 2 m long (length can be varied).

Ski-slope barriers without posts, made of high-tenacity polypropylene

Mesh size approx.	Material dia appr.	Colour	Art. No.	per m²
45 mm	3.0 mm	Blue	209-045-04	€ 4,20
45 111111	3.5 mm	Orange	207-045-03	€ 5,25
	2.8 mm	Orange	205-100-03	€ 1,90
100 mm	3.0 mm	Blue	209-100-04	€ 2,20
100 11111	3.5 mm	Orange	207-100-03	€ 2,60
	4.0 mm	Red	215-100-07	€ 3,40
	2.8 mm	Orange	205-120-03	€ 1,45
120 mm	3.0 mm	Blue	209-120-04	€ 1,75
	3.5 mm	Orange	207-120-03	€ 2,25

No. 207-045-03 Ski-slope barrier without posts



Safety nets according to EN 1263-1 and DGUV-Rule 101-011

When it comes to safety precautions for building work, there can be no compromise.

Our safety nets take care of this.

All energy absorption data refer to the 3×3 m test net.

Ask for our special safety catalogue "Construction safety nets for all needs."





Safety nets EN 1263-1, Safety net system S

All-round rope edging

Description: Knotless safety net EN 1263-1, System S (Safety net with rope edging), made from high strength polypropylene. Square mesh design. Material thickness approx. 4.75 mm, rope edging all round 30 kN, approx. 12 mm thick.

Energy absorption approx. 4.6 kJ. Net class A2. GS-certificate: PS-No. 18100015.

Net sizes	Colour	Art. No.	per piece
E 00 × 10 00 m	Green	19040-100-01	€ 150,00
5.00 × 10.00 m	Blue	19040-100-04	€ 150,00
6.00 × 10.00 m	Green	19041-100-01	€ 180,00
0.00 × 10.00 III	Blue	19041-100-04	€ 180,00
10.00 × 10.00 m	Green	19042-100-01	€ 300,00
10.00 × 10.00 m	Blue	19042-100-04	€ 300,00
7.50 × 15.00 m	Green	19043-100-01	€ 337,50
/ JUL 00.CI × UC. 1	Blue	19043-100-04	€ 337,50

Safety nets EN 1263-1 Safety net system S

– complete –

All-round rope edging and suspension ropes at 2.50 m intervals

Description: Knotless safety net EN 1263-1, System S, made from high strength polypropylene. Square mesh design, Mesh width approx. 100 mm, material thickness approx. 5 mm. All round rope edging 30kN, approx. 12 mm thick. Suspension ropes attached to net at 2.50 m intervals; Type M made from PA 12 mm (30 kN), 2.50 m long, black without loops (not available as singles).

Net sizes	Colour	Art. No.	per piece
5.00 × 10.00 m	Green	21030-100-01	€ 225,00
	Black	21030-100-06	€ 225,00
6.00 × 10.00 m	Green	21031-100-01	€ 270,00
	Black	21031-100-06	€ 270,00

 $\textbf{Minimum order surcharge} \text{ each single net: nets under 1 } \text{m}^2 + \text{on request} \mid \text{under 5 } \text{m}^2 + \text{100 } \% \mid \text{under 10 } \text{m}^2 + \text{35 } \% \mid \text{under 20 } \text{m}^2 + \text{20 } \% \mid \text{under 20 } \text{under 20$

Safety nets conforming to EN 1263-1, type S made of high-tenacity polypropylene – per m² –

With square mesh, and 12 mm rope edging all round (30 kN). Conform GS test certificate.-No. 18100013, 18100012, 18100010.

Mesh size approx.	Material dia appr.	Energy- absorption	Net- type	Colour	Art. No.	per m²
100 mm	5 mm	appr. 4.8 kJ	A2	Green	1903-100-01	€ 4,10
100 111111	וווווו כ	аррі. 4.0 кл	AZ	Blue	1903-100-04	€ 4,10
60 mm	5 mm	appr. 6.1 kJ	A1	Green	1903-060-01	€7,20
00 111111	וווווו כ	ililii appi. o. i ko	AI	Blue	1903-060-04	€7,20
AF 110 110	Г	annu 0 0 kl	B1	Green	1903-045-01	€7,70
45 mm	5 mm	mm appr. 9.0 kJ		Blue	1903-045-04	€7,70

Suspension with ropes EN 1263-1 (type L)

In PA, approx. 12 mm, braided, for 1-strand suspension, one wide with spliced loop, other side joined fixed at one end, length 2.50 m. The minimum breaking load of the rope is 30 kN.

Art.-No. 2011



€ 5,00 per piece



Brick Guardrail Nets with Isilink Clips in Standard Sizes

Guardrail nets complete with Isilink clips sewn on

Usage: For Guardrail nets and nets in roof safety scaffolding EN 1263-1 as well as for assembly EN 1263-2 and DGUV-I 201-023 are authoritative.

They are clearly presented in the assembly and user instructions.

These nets are classed as Safety Net System U (Safety Net in load bearing construction for vertical use).

The mid-rail is not necessary when nets are used.

The mesh may be a maximum of 100 mm. The nets are equipped with an integral surround rope. We recommend assembly of side safety nets with our Isilink Clips, which are already sewn onto our side safety nets at 75 cm intervals, to comply with Bau-BG requirements.

Brick guard rail nets EN 1263-1 in standard sizes, complete with Isilink clips

Standard sizes

Knotless guardrail nets conform to EN 1263-1, safety net system U. Made of ht

polypropylene, approx. 5 mm thick, with integral surround rope and Isilink clips sewn on approx. 75 cm apart. Approved by Bau-BG, with Euro Test Certificate number:

Mesh size 45 mm: ET PS 18100026 Mesh size 60 mm: ET PS 18100027 Mesh size 100 mm: ET PS 18100028.

Size 1: 1.50×5 m, number of Isilink clips: 18

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
		Green	3005-045-01	€ 52,50
45 mm	5 mm	Blue	3005-045-04	€ 52,50
		Red	3005-045-07	€ 52,50
60 mm	5 mm	Green	3005-060-01	€ 48,75
00 111111	o IIIIII	Blue	3005-060-04	€ 48,75
		Green	3005-100-01	€ 32,50
100 mm	5 mm	Blue	3005-100-04	€ 32,50
		Red	3005-100-07	€ 32,50

Size 2: 2×5 m, number of Isilink clips: 20

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
		Green	3006-045-01	€ 70,00
45 mm	5 mm	Blue	3006-045-04	€ 70,00
		Red	3006-045-07	€ 70,00
60 mm	Emm	Green	3006-060-01	€ 65,00
00 111111	5 mm	Blue	3006-060-04	€ 65,00
		Green	3006-100-01	€ 40,00
100 mm	5 mm •	Blue	3006-100-04	€ 40,00
		Red	3006-100-07	€ 40,00

Size 3: 1.50×10 m, number of Isilink clips: 32

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
		Green	3007-045-01	€ 105,00
45 mm	5 mm	Blue	3007-045-04	€ 105,00
		Red	3007-045-07	€ 105,00
60 mm	5 mm	Green	3007-060-01	€ 97,50
00 111111		Blue	3007-060-04	€ 97,50
100 mm	5 mm	Green	3007-100-01	€ 60,00
		Blue	3007-100-04	€ 60,00
		Red	3007-100-07	€ 60,00

Size 4: 2×10 m, number of Isilink clips: 34

Mesh size approx.	Material dia approx.	Colour	Art. No.	per piece
45 mm	5 mm	Green	3008-045-01	€ 130,00
		Blue	3008-045-04	€ 130,00
		Red	3008-045-07	€ 130,00
60 mm	5 mm	Green	3008-060-01	€ 120,00
		Blue	3008-060-04	€ 120,00
100 mm	5 mm	Green	3008-100-01	€ 70,00
		Blue	3008-100-04	€ 70,00
		Red	3008-100-07	€ 70,00

Building site security fences Take no time at all to erect

Wherever your building site needs additional security this type of fence can be set up in a few minutes. The weather-proof barrier demarcates dangerous areas, thus protecting passers-by and personnel at minimum cost. The material is UV-stabilised, rot-proof, air-permeable and can be used many times. The fence is supplied on roll.



Building site security fences

Rotproofed. air-permeable. UV-stabilised.

Only available in rolls of 50×1 m.

- Length of the roll: 50 m
- Height of the roll: 1 m
- Weight per roll: approx. 10 kg
- Weight per m2: approx. 200 g
- Size of opening: approx. 35×85 mm

Colour	Art. No.	per roll
Orange	7001-03	€ 64,50

Support post To assemble the

To assemble the fence we recommend our support posts: galvanised T-iron

Diameter: $20 \times 20 \times 3$ mm Length: 130 cm, pointed at one end With 6 mm dia. transverse bolt.

Art. No. 2159

€ 10,90 per piece



Building site boundary fencing with integral polyester posts

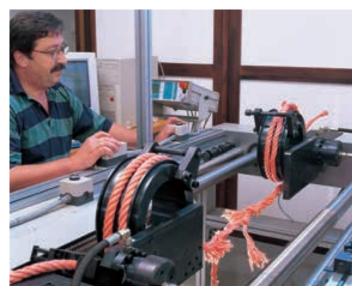
 $\label{thm:conditional} \mbox{Made of breathable polyethylene fabric and integral polyester posts} \mbox{ with steel tips.}$

- Length of the fence: 25 m
- Height of the fence: 0.85 m
- Length of the posts: 1.10 m
- Distance between posts: 2.50 m
- Number of the posts: 11. 12 mm dia.with steel tip
- Weight incl. posts: approx. 4 kg

Colour	Art. No.	per roll	
Orange	7050-03	€ 99,50	



Terms and conditions of sale and delivery



Quality control – ISO 9001 extended to 2021!

Safety: regular checks ensure that our nets meet our high quality standards.

We have had ISO 9001 certification since 1997.

All nets are manufactured to comply with the relevant EN standards, TÜV [German Technical Inspection Association] safety tests and DIN regulations.

These terms and conditions form an essential part of the purchase agreement. The placing of an order on the part of the buyer shall be deemed as acceptance of these terms and conditions. Any variation of conditions of the buyer is for us even then non-binding, unless we do not formally object to them.

Quote: All quotes on the basis of this list are subject to confirmation, without obligation and are not bound to the acceptance of an order. Quotes over the telephone require confirmation. In case of doubt written confirmation shall apply.

We reserve the right to any technical changes, which are in the interest of further development of our product.

Ordering units: We are entitled to amend, without further enquiry, different ordering quantities to the next volume packaged unit.

Custom-made products:

These are as a matter of principle excluded from our exchange and returns policy, unless they are found to be with defects.

If nets are custom-made with a square mesh, it is **technically not possible to supply all net sizes without a seam.** All nets are manufactured in the greatest possible width in a diagonal mesh and converted to a square mesh. The resultant seams cannot be avoided technically and do not compromise the quality.

Prices, Packaging: The prices are net (without VAT).

All previous price lists are not valid with the arrival of this catalogue!

Our prices are in this respect non-binding, when after the publication of this catalogue, essential changes to raw material prices and salaries arise and as a result the costing fundamentals can no longer be met. Our prices are calculated "ex factory" including packaging.

Payment terms: Payment method for abroad is by means of irrevocable letter of credit, or payment in advance with a 3% reduction for advance payments.

Late payments will incur 1% interest charges per month from the 31st day after the date of invoice. In the event of late payment we are entitled to charge the debtor any collection costs incurred by any necessary legal measures or those settled out-of-court.

Small orders with a value less than \in 25 without VAT incur a handling charge of \in 5 net. Deliveries with a total value less than \in 50 are not entitled to discount.

Delivery arrangements: On the part of the buyer prescribed delivery terms and their acceptance do not signify a delivery undertaking. No claims can be made on a breach of delivery terms. Force majeure as well as strikes carried out by us or our suppliers shall release the delivery obligations.

In respect of any failure to deliver due to any of the afore-mentioned circumstances the delivery terms shall be extended appropriately.

Notice of defects: Notice of defects in respect of weight, quantity or quality can only be made effectively within eight days after receipt of delivery provided that the buyer is a trader in terms of \$310 BGB (German Civil Code). Besides notice of defects in respect of obvious defects are disregarded if they are not made within an 8 day period after receipt of delivery. It is important that the seller is in receipt of the notice of defects for the computation of the time limit of eight days.

Returns shall only be accepted with prior written agreement, otherwise delivery shall be refused.

Guarantee: The legal provisions shall apply

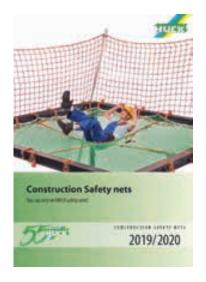
Our nets are textile products, the properties of which can be damaged by UV rays. Therefore the net material is UV stabilised which however only gives extra protection. The guarantee refers solely to the properties guaranteed in a new condition which naturally includes the customary addition of UV stabilizers.

For this reason the manufacturer's test specifications (mesh testing) are to be observed without fail in the use of protection safety nets.

Retention of Title: All sales are based on §449 BGB (German Civil Code). All goods delivered by us remain our property until the account receivables has been settled in full. Should the goods be sold on before payment is received, then the purchase price receivable shall be surrendered to us in its place. Garnishment or any other damnification of our property right is to be immediately reported.

Place of Fulfilment: The place of fulfilment for deliveries and payments is Asslar-Berghausen. Place of jurisdiction deemed to be agreed by the placing of an order and the confirmation of an order for both parties is District Court Wetzlar/County Court Limburg, provided that both parties are companies.

Here are more top products from HUCK:



Construction sector: Huck construction safety nets

for all needs You can find details of the nets required on building sites in our specialist safety net catalogue for the construction industry. Collection nets, brick guard rail nets and full information about our assembly service and rental of collection nets.

Just ask for a copy of our catalogue.

Sports sector: HUCK sport nets and ropes, covering all ball games.

In this special catalogue, you will find nets for football, handball, volleyball, badminton, tennis as well as street and fun games, beach games and many other types of sport.

If required, we will be happy to send you this catalogue.



Leisure sector: Huck rope technology

We have extended our playground range again this year. Products in this range, including climbing nets, swings, net bridges, rope ladders, climbing ropes and net playgrounds, can be found in our catalogue "Huck Rope Technology".

Please order this specialist catalogue.





Manfred Huck GmbH Netz- und Seilfabrik

Asslarer Weg 13-15 D-35614 Asslar-Berghausen, Germany

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For over 55 years the HUCK-Label has been synonymous for:

- top quality nets and ropes
- innovative solutions

- continuous quality
- state-of-the-art manufacturing techniques

Manfred Huck GmbH Netz- und Seilfabrik

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