

VTT AG

Passion for Transport Safety

Lifting Equipment
Load securing

Industrial packaging

Corrosion protection / VCI

Transport monitoring

Flexible packaging

Industrial hygiene

Please also visit our webshop at
<https://shop.vtt-group.com>



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Field of activity

VTT AG is a leading company for lifting and lashing equipment with its own European production. We offer a full range of export packaging, strapping technology, load securing, transport monitoring as well as products for industrial hygiene and disposable work protection. We supply you with high-quality brand products such as BATES-CARGO-PAK, CHRISAL, CLIMAGEL, CLIMAPAC, CORDLASH, CORDSTRAP, COROTEX, DUPLIX, OCTOPUS, OLIVIA F., PROFIX, PROTECT-A-PAK, SHOCKWATCH, VERMISOL, VTT.

SALES SWITZERLAND AND OVERSEAS

Founded in 1981



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since 2006



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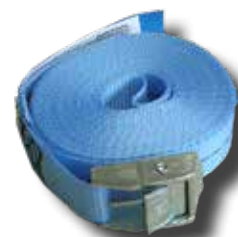
Lashing belts Profix Lightweight tension belts for construction, industry & hobby 4

Strapping belt VTT Profix 400, 25 mm

Item No.	Band width	Traction (LC)	L1 (Total length)	LK (Short part)	LT (Long part)	End fitting	Lashing bracket	Band colour
7000065-000	25 mm	400 daN	2.0 m			strapping belt 1-piece	clamping lock	black
7010149-000	25 mm	400 daN	3.5 m			strapping belt 1-piece	clamping lock	assorted
7000066-000	25 mm	400 daN	6.0 m			strapping belt 1-piece	clamping lock	assorted

F_{ZUL} (LC) : 400 daN (clamping lock)
 F_{ZUL} (LC) : 200 daN (clamping lock)

Minimum order quantity: 6 pieces
customised production: from 20 pieces



Lashing- and Strapping belt VTT Profix 800, 25 mm

Item No.	Band width	Traction (LC)	L1 (Total length)	LK (Short part)	LT (Long part)	End fitting	Lashing bracket	Band colour
7010145-000	25 mm	800 daN	4.5 m			strapping belt 1-piece	ratchet 800	assorted
7010146-000	25 mm	800 daN	7.0 m			strapping belt 1-piece	ratchet 800	assorted
7003001-000	25 mm	800 daN	3.5 m	0.5 m	3.0 m	S-hook	ratchet 800	assorted
7010148-000	25 mm	800 daN	3.5 m	0.5 m	3.0 m	pointed hook	ratchet 800	assorted
7010147-000	25 mm	800 daN	6.0 m	0.5 m	5.5 m	carabiner hook	ratchet 800	assorted

F_{ZUL} (LC) : 800 daN (ratchet), Stf: 170 daN
 F_{ZUL} (LC) : 400 daN (ratchet)

Minimum order quantity: 6 pieces
customised production: from 20 pieces



Lashing belts Duplix tension belts

Strapping belt VTT Duplix 800, 35 mm

Item No.	Band width	Traction (LC)	L1 (Total length)	LK (Short part)	LT (Long part)	End fitting	Lashing bracket	Band colour
7000060-020	35 mm	800 daN	2.0 m			strapping belt 1-piece	clamping lock	orange
7000060-040	35 mm	800 daN	4.0 m			strapping belt 1-piece	clamping lock	orange
7000060-060	35 mm	800 daN	6.0 m			strapping belt 1-piece	clamping lock	orange

F_{ZUL} (LC) : 800 daN (clamping lock)
 F_{ZUL} (LC) : 400 daN (clamping lock)

Minimum order quantity: 6 pieces
customised production: from 20 pieces



Lashing- and Strapping belt VTT Duplix 2500, 35 mm

Item No.	Band width	Traction (LC)	L1 (Total length)	LK (Short part)	LT (Long part)	End fitting	Lashing bracket	Band colour
7000063-040	35 mm	2500 daN	4.0 m			Umreifungsgurt 1-teilig	ratchet 3000	orange
7000063-000	35 mm	2500 daN	6.0 m			Umreifungsgurt 1-teilig	ratchet 3000	orange
7000063-201	35 mm	2500 daN	8.0 m			Umreifungsgurt 1-teilig	ratchet 3000	orange
7009036-001	35 mm	2500 daN	6.0 m	0.5 m	5.5 m	pointed hook	ratchet 3000	orange
7009036-002	35 mm	2500 daN	6.0 m	0.5 m	5.5 m	triangle/hook	ratchet 3000	orange
7009036-180	35 mm	2500 daN	8.0 m	0.5 m	7.5 m	pointed hook	ratchet 3000	orange
7009036-380	35 mm	2500 daN	8.0 m	0.5 m	7.5 m	triangle/hook	ratchet 3000	orange

F_{ZUL} (LC) : 2500 daN (ratchet), Stf: 225 daN
 F_{ZUL} (LC) : 1250 daN (ratchet)

Minimum order quantity: 6 pieces
customised production: from 20 pieces



strapping belt



lashing belt

End fittings for 25mm band

pointed hook 800 daN	carabiner hook 800 daN	clamping lock 200 daN	ratchet 800 daN
No. 9020025-006	No. 9020025-007	No. 9020025-001	No. 9020025-003

End fittings for 35mm band

pointed hook 3000 daN	triangle/hook 3000 daN	clamping lock 900 daN	ratchet 3000 daN
No. 9020035-002	No. 9020035-003	No. 9020035-005	No. 9020035-001

Lashing belts Duplix Heavy-duty tension belts

Lashing- and Strapping belt VTT Duplix 5000, 50 mm

Item No.	Band width	Traction (LC)	L1 (Total length)	LK (Short part)	LT (Long part)	End fitting	Lashing bracket	Band colour
7000287-001	50 mm	5000 daN	6.0 m	strapping belt 1-piece			ratchet 5000	lemon
7000287-002	50 mm	5000 daN	8.0 m	strapping belt 1-piece			ratchet 5000	lemon
7000287-003	50 mm	5000 daN	12.0 m	strapping belt 1-piece			ratchet 5000	lemon
7009032-807	50 mm	5000 daN	6.0 m	0.5 m	5.5 m	pointed hook	ratchet 5000	lemon
7009032-808	50 mm	5000 daN	6.0 m	0.5 m	5.5 m	triangle/hook	ratchet 5000	lemon
7009032-001	50 mm	5000 daN	8.0 m	0.5 m	7.5 m	pointed hook	ratchet 5000	lemon
7009032-004	50 mm	5000 daN	8.0 m	0.5 m	7.5 m	triangle/hook	ratchet 5000	lemon
7009032-010	50 mm	5000 daN	8.0 m	0.5 m	7.5 m	claw hook	ratchet 5000	lemon
7009032-802	50 mm	5000 daN	10.0 m	0.5 m	9.5 m	pointed hook	ratchet 5000	lemon
7009032-803	50 mm	5000 daN	10.0 m	0.5 m	9.5 m	triangle/hook	ratchet 5000	lemon
7009032-804	50 mm	5000 daN	10.0 m	0.5 m	9.5 m	claw hook	ratchet 5000	lemon
7009032-018	50 mm	5000 daN	12.0 m	0.5 m	11.5 m	pointed hook	ratchet 5000	lemon
7009032-017	50 mm	5000 daN	12.0 m	0.5 m	11.5 m	triangle/hook	ratchet 5000	lemon

F_{ZUL} (LC) : 5000 daN, Stf: 300 daN
 F_{ZUL} (LC) : 2500 daN

customised production: from 10 pieces



strapping belt



lashing belt

Load securing

Ratchets for 50mm band

No. 001 standard ratchet 5000 daN	No. 002 ABS-ratchet 5000 daN	No. 003 long-lever push ratchet 5000 daN	No. 004 long lever pull ratchet 5000 daN	No. 005 cargo ratchet 2000 daN
Item No. 9020050-001	Item No. 9020050-011	Item No. 9020050-007	Item No. 9020050-008	Item No. 9020050-012

End fittings for 50mm band

No. 001 pointed hook 5000daN	No. 002 triangle/hook 5000daN	No. 003 claw hook 5000daN	No. 004 carabiner hook 5000daN	No. 005 flat hook 2000daN	No. 006 anchor 1500 daN
Item No. 9020050-002	Item No. 9020050-003	Item No. 9020050-004	Item No. 9020050-015	Item No. 9020050-014	Item No. 9020050-009

Lashing- and Strapping belt VTT Duplix 10000, 75 mm

Item No.	Band width	Traction (LC)	L1 (Total length)	LK (Short part)	LT (Long part)	End fitting	Lashing bracket	Band colour
7009037-001	75 mm	10000 daN	4.0 m	strapping belt 1-piece			ratchet 10000	yellow
7009037-002	75 mm	10000 daN	6.0 m	strapping belt 1-piece			ratchet 10000	yellow
7009037-003	75 mm	10000 daN	8.0 m	strapping belt 1-piece			ratchet 10000	yellow
7009037-004	75 mm	10000 daN	6.0 m	0.5 m	5.5 m	pointed hook	ratchet 10000	yellow
7009037-005	75 mm	10000 daN	6.0 m	0.5 m	5.5 m	triangle/hook	ratchet 10000	yellow
7009037-006	75 mm	10000 daN	8.0 m	0.5 m	7.5 m	pointed hook	ratchet 10000	yellow
7009037-007	75 mm	10000 daN	8.0 m	0.5 m	7.5 m	triangle/hook	ratchet 10000	yellow
7009037-008	75 mm	10000 daN	10.0 m	0.5 m	9.5 m	pointed hook	ratchet 10000	yellow
7009037-009	75 mm	10000 daN	10.0 m	0.5 m	9.5 m	triangle/hook	ratchet 10000	yellow

F_{ZUL} (LC) : 10000 daN, Stf: 500 daN
 F_{ZUL} (LC) : 5000 daN

customised production: from 10 pieces



strapping belt

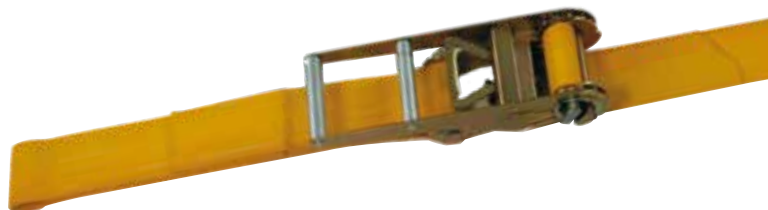


lashing belt

Ratchet

End fittings for 75mm band

No. 001 standard ratchet 10000 daN	No. 002 triangle/hook 10000 daN	No. 003 pointed hook 10000 daN
Item No. 9020075-001	Item No. 9020075-003	Item No. 9020075-002



Lashing belts Duplix Heavy-duty tension belts

Lashing belt VTT Duplix 5000 Power, 50 mm (Long lever ratchet for higher pretensioning force)

Item No.	Band width	Traction (LC)	L1 (Total length)	LK (Short part)	LT (Long part)	End fitting	Lashing bracket	Pretensioning force	Band colour
7009035-160	50 mm	5000 daN	6.0 m	0.5 m	5.5 m	pointed hook	ratchet 5000P	500 daN	lemon
7009035-260	50 mm	5000 daN	6.0 m	0.5 m	5.5 m	triangle/hook	ratchet 5000P	500 daN	lemon
7009035-180	50 mm	5000 daN	8.0 m	0.5 m	7.5 m	pointed hook	ratchet 5000P	500 daN	lemon
7009035-280	50 mm	5000 daN	8.0 m	0.5 m	7.5 m	triangle/hook	ratchet 5000P	500 daN	lemon

F_{ZUL} (LC) : 5000 daN, Stf: 500 daN
 F_{ZUL} (LC) : 2500 daN

customised production: from 10 pieces, price on request



push ratchet

Lashing belt VTT Duplix 5000 E-Power, 50 mm (Ergo long lever ratchet for higher pretensioning force)

Item No.	Band width	Traction (LC)	L1 (Total length)	LK (Short part)	LT (Long part)	End fitting	Lashing bracket	Pretensioning force	Band colour
7009038-160	50 mm	5000 daN	6.0 m	0.5 m	5.5 m	pointed hook	ratchet 5000EP	500 daN	lemon
7009038-260	50 mm	5000 daN	6.0 m	0.5 m	5.5 m	triangle/hook	ratchet 5000EP	500 daN	lemon
7009038-180	50 mm	5000 daN	8.0 m	0.5 m	7.5 m	pointed hook	ratchet 5000EP	500 daN	lemon
7009038-280	50 mm	5000 daN	8.0 m	0.5 m	7.5 m	triangle/hook	ratchet 5000EP	500 daN	lemon

F_{ZUL} (LC) : 5000 daN, Stf: 500 daN
 F_{ZUL} (LC) : 2500 daN

customised production: from 10 pieces, price on request



pull ratchet

Lashing belt VTT Duplix 5000 ABS, 50 mm (ABS push ratchet for controlled release of the belt)

Item No.	Band width	Traction (LC)	L1 (Total length)	LK (Short part)	LT (Long part)	End fitting	Lashing bracket	Pretensioning force	Band colour
7009039-160	50 mm	5000 daN	6.0 m	0.5 m	5.5 m	pointed hook	ratchet 5000ABS	250 daN	lemon
7009039-260	50 mm	5000 daN	6.0 m	0.5 m	5.5 m	triangle/hook	ratchet 5000ABS	250 daN	lemon
7009039-180	50 mm	5000 daN	8.0 m	0.5 m	7.5 m	pointed hook	ratchet 5000ABS	250 daN	lemon
7009039-280	50 mm	5000 daN	8.0 m	0.5 m	7.5 m	triangle/hook	ratchet 5000ABS	250 daN	lemon

F_{ZUL} (LC) : 5000 daN, Stf: 300 daN
 F_{ZUL} (LC) : 2500 daN

customised production: from 10 pieces, price on request



ABS - ratchet

Lashing belts Duplix Prime Heavy-duty tension belts

Lashing belt VTT Prime 5000, 50 mm (Extendable push ratchet for higher pretensioning force)

Item No.	Band width	Traction (LC)	L1 (Total length)	LK (Short part)	LT (Long part)	End fitting	Lashing bracket	Pretensioning force	Band colour
7009031-001	50 mm	5000 daN	8.0 m	0.5 m	5.5 m	pointed hook	prime ratchet	450/550 daN	black
7009031-004	50 mm	5000 daN	8.0 m	0.5 m	5.5 m	triangle/hook	prime ratchet	450/550 daN	black

F_{ZUL} (LC) : 5000 daN, Stf: 450/550 daN
 F_{ZUL} (LC) : 2500 daN

customised production: from 10 pieces, price on request



push ratchet

Lashing belt VTT Prime Ergo 5000, 50 mm (Extendable pull ratchet for higher pretensioning force)

Item No.	Band width	Traction (LC)	L1 (Total length)	LK (Short part)	LT (Long part)	End fitting	Lashing bracket	Pretensioning force	Band colour
7009031E001	50 mm	5000 daN	8.0 m	0.5 m	5.5 m	pointed hook	prime ergo ratchet	530/650 daN	black
7009031E004	50 mm	5000 daN	8.0 m	0.5 m	5.5 m	triangle/hook	prime ergo ratchet	530/650 daN	black

F_{ZUL} (LC) : 5000 daN, Stf: 530/650 daN
 F_{ZUL} (LC) : 2500 daN

customised production: from 10 pieces, price on request



pull ratchet

Abrasion protection

Abrasion guard

Abrasion protection tube polyester
VTT abrasionGUARD

Item No.	Width (inside dimension)	Colour	Sales unit
9040060-038	40 mm	orange	meter
9040060-065	65 mm	orange	meter
9040060-075	75 mm	orange	meter
9040060-106	106 mm	orange	meter
9040060-125	125 mm	orange	meter



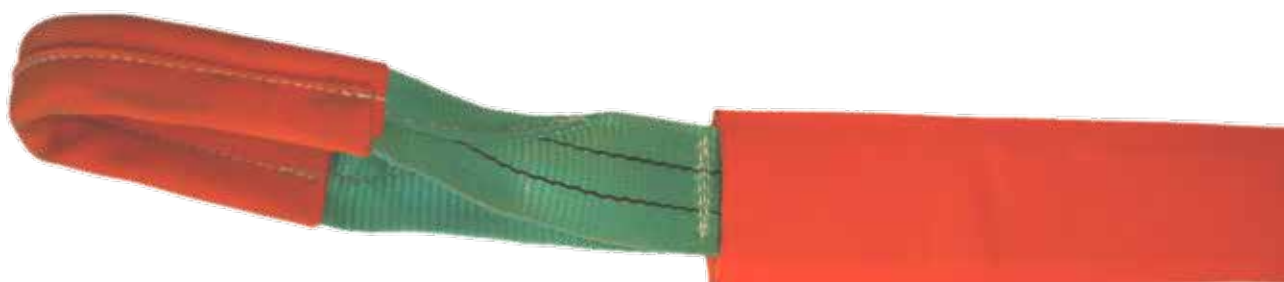
Abrasion protection tube 65 mm, cuttings
VTT abrasionGUARD

Item No.	Width (inside dimension)	Lenght	Sales unit
9040065-030	65 mm	30 cm	piece
9040065-050	65 mm	50 cm	piece



Protective tube with interwoven steel fibres
VTT Duplix InoxGUARD

Item No.	Width	Colour	Sales unit
9040050-060	60 mm	green	meter
9040050G075	75 mm	green	meter
9040050B084	84 mm	brown	meter
9040050B105	105 mm	blue	meter
9040050O105	105 mm	orange	meter



Load securing

Anti-slip mats



Anti-slip-mat 4
Thickness 4 mm
Width 150 mm
Roll of 5.0 m
Item No.: AM01

Anti-slip-mat 8
Thickness 8 mm
Width 250 mm
Roll of 5.0 m
Item No.: AM02

Anti-slip-mat 8
Thickness 8 mm
Cuttings 100 x 200 mm
Item No.: AM03

Clamping board (intermediate wall closure) 1- or 2-part



Item No.:	7020007-003	Area of use	550 to max. 2520 mm
Cross-section	49x66 mm	Material	Aluminium
Blocking force	1000 daN	Side walls thickness	18 - 35 mm

Edge protector angles



Item No.:	KK57
Band width:	30-50 mm
Dimensions:	130x100x100 mm

Edge protector angles



Item No.:	KK56
Band width:	35-75 mm
Dimensions:	145x140x185 mm

Edge protector angles



Item No.:	KK55
Band width:	35-50 mm
Dimensions:	150x135x180 mm

Load securing set, 15 pieces Ideal for vans, pick-ups



Item No.: 7009099-012

consisting of:

- 2 x Lashing belts VTT Duplix 2500 daN, 6.0 m, pointed hook
- 2 x Lashing belts VTT Duplix 2500 daN, 6.0 m, carabiner hook
- 4 x Abrasion protection tubes 40 mm, cuttings à 30 cm
- 6 x Anti-slip mats 8 mm, cuttings of 10 x 20 cm
- 1 x practical reusable bag

Economy pack 30 pieces

VTT Profix strapping belts 800 daN / 4.5 m / with ratchet



Item.-No.: 7010144-000

consisting of:

30 pcs. 7010145-000
Strapping belts 800 daN, 1-piece with ratchet
length: 4.50 m, width: 25 mm
colour assorted, individually packaged

Edge protection rails



Item No.:	KK58	KK59
Band width:	25-75 mm	25-75 mm
Dimensions:	800x185x185 mm	1150x185x185 mm

Truck towing sling



Item No.:	7009135-000
Length:	6.00m, with 2 loops 500mm
Breaking force:	35'000daN

Truck CargoSlide lashing belt 1500daN/50mm, with ranchor hooks

Item No.:	7009050-030
Total length:	3.00 m
Ratchet:	freely adjustable along the length of the belt



Accessories

Container cover nets, polyethylene knotted

Available with PP or elastic edge rope !



Item No.	Colour	Cord Ø	Mesh size	Size
7030284-000	green	3.0 mm	45/45 mm	3.5 x 2.5 m
7030285-000	green	4.0 mm	100/100 mm	3.5 x 2.5 m
7030286-000	green	3.0 mm	45/45 mm	3.5 x 5.0 m
7030287-000	green	4.0 mm	100/100 mm	3.5 x 5.0 m
7030288-000	green	3.0 mm	45/45 mm	3.5 x 6.0 m
7030289-000	green	4.0 mm	100/100	3.5 x 6.0 m
7030290-000	green	3.0 mm	45/45 mm	3.5 x 7.0 m
7030291-000	green	4.0 mm	100/100 mm	3.5 x 7.0 m
7030292-000	green	3.0 mm	45/45 mm	3.5 x 8.0 m
7030293-000	green	4.0 mm	100/100 mm	3.5 x 8.0 m

Ropes polypropylene with loop on one side



Item No. 7030261-000	white or beige	6 mm	1.60 m
Item No. 7030262-000	white or beige	7 mm	1.80 m
Item No. 7030263-000	white or beige	8 mm	2.10 m
Item No. 7030264-000	white or beige	10 mm	2.40 m
Item No. 7030265-000	white or beige	10 mm	3.00 m

All Purpose cover net cord polypropylene

with SBB - CFF - FFS - approval !



Item No. 7040261-000	white/red	6 mm	Roll of 450m
	Breaking force 500 daN		

Cover plans, polyethylene fabric



Item No.	Colour	Eyelets	Size
7030294-000	olive	eyelet spacing 0.5 m	3.5 x 2.5 m
7030295-000	olive	eyelet spacing 0.5 m	3.5 x 5.0 m
7030296-000	olive	eyelet spacing 0.5 m	3.5 x 6.0 m
7030298-000	olive	eyelet spacing 0.5 m	3.5 x 8.0 m

Polyamide rope normal braid (nylon)



Item No.	Diameter	Breaking force	Colour
7031071-000	4.0 mm	270 daN	white
7031073-000	8.0 mm	1090 daN	white
7031074-000	10.0 mm	1670 daN	white
7031075-000	12.0 mm	2430 daN	white

Polypropylene rope normal braid



Item No.	Diameter	Breaking force	Colour
7030143-000	6.0 mm	350 daN	white/blue
7030144-000	8.0 mm	800 daN	white/blue
7030145-000	10.0 mm	950 daN	white/blue
7030146-000	12.0 mm	1200 daN	white/blue
7030147-000	14.0 mm	1500 daN	white/blue
7030148-000	16.0 mm	2000 daN	white/blue
7030149-000	18.0 mm	2500 daN	white/blue
7030150-000	20.0 mm	3000 daN	white/blue

Elastic rope braided



Item No.	Diameter	Breaking force	Colour
7030276-000	4.5 mm	70 daN	white/red
7031141-000	5.0 mm	75 daN	blue/black
7031142-000	8.0 mm	100 daN	green/black

Fittings



Shackle curved, with eyebolt
0,5 to up to 17 to available! (Details page 32)



Load hook with latch
WLL 1.2to
Item No. 9020100-002



Load hook with latch
WLL 2.0to
Item No. 9020101-002



Oval ring 110x60mm
WLL 2.0to
Item No. 9020100-003






Oval ring 135x75mm
WLL 3.to
Item No. 9020101-003

Load securing

Devices cordstrap

	<p>Tensioner VTT-401 for strap widths up to 19 mm Item No.: CX50</p>
	<p>Tensioner VTT-405 for strap widths 25 to 40 mm Item No.: CX54</p>
	<p>Pneumatic tensioner for Cordstrap Composite straps up to 31 mm Item No.: CT35PN</p>

Devices cordstrap

	<p>Dispenser VTT-409 portable for 9 - 25 mm WG straps Item No.: CX55</p>
	<p>Heavy-duty tensioner VTT-CRT50(1) Tensioner for CC straps and CW straps 30 to 50 mm Item No.: CX61</p>
	<p>Battery-powered tensioner VTT-CBT35 for Cordstrap Composite- straps 19 to 35 mm Item No.: CBT35ACCU</p>

cordstrap strong as steel!

	<p>strong Cordstrap polyester strap holds any load perfectly together during transport and storage. The strap is „steel strong“ and can be used for both heavy and delicate loads.</p>
	<p>safe + flexible Cordstrap has no sharp edges and does not spring open when detached. It cannot cause injuries and will not damage products and packaging.</p>
	<p>versatile Cordstrap polyester strap, the buckle and the easy-to-use tensioning device combine to create a „strong as steel“ system.</p>
	<p>weather-resistant Cordstrap is resistant to all weather conditions, does not rust and leaves no residue on the load.</p>

Starter set cordstrap

	<p>Starter set cordstrap consisting of:</p> <ul style="list-style-type: none"> 1 tensioner (CH) type VTT-401 1 mobile dispenser type VTT-413 1 roll strap (850m) type CC50 1000 buckles type CB5 <p>Item No.: CS99</p>
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Edge protection corners

	<p>Edge protector with retaining bracket suitable for straps up to 19 mm also suitable for steel strap Dimensions: 40x40x40 mm Box of 1500 pcs.</p> <p>Item No.: KK50</p>
	<p>Edge protector with retaining pin suitable for straps up to 19 mm also suitable for steel strap Dimensions: 40x40x40 mm Box of 2000 pcs.</p> <p>Item No.: KK51</p>

Cordstrap® WG HM - Strapping band, polyester

glued

Item No.	Description	Band width	Packaging unit	Sales unit
CR50	Cordstrap 30WGHM, 275 daN	9 mm	box of 2 rolls core Ø roll: 76 mm	roll of 1500 m
CR51	Cordstrap 40WGHM, 375 daN	13 mm	box of 2 rolls core Ø roll: 76 mm	roll of 1100 m
CR53	Cordstrap 50WGHM, 450 daN	16 mm	box of 2 rolls core Ø roll: 76 mm	roll of 850 m
CR54	Cordstrap 60WGHM, 550 daN	19 mm	box of 2 rolls core Ø roll: 76 mm	roll of 600 m
CR55	Cordstrap 85WGHM, 950 daN	25 mm	box of 2 rolls core Ø roll: 76 mm	roll of 500 m
CR57	Cordstrap 105WGHM, 1350 daN	35 mm	box of 8 rolls core Ø roll: 76 mm	roll of 150 m



Load securing

Cordstrap® WG HD - Strapping band, polyester - heavy

glued

Item No.	Description	Band width	Packaging unit	Sales unit
CR64	Cordstrap 65HD, 975 daN	19 mm	box of 2 rolls core Ø roll: 76 mm	roll of 400 m
CR66	Cordstrap 85HD, 1250 daN	25 mm	box of 2 rolls core Ø roll: 76 mm	roll of 400 m
CR65	Cordstrap 105HD, 2000 daN	38 mm	box of 4 rolls core Ø roll: 76 mm	roll of 100 m



Cordstrap® CC - Strapping- and lashing band, polyester, composite

coated

Item No.	Description	Band width	Packaging unit	Sales unit
CR80	strapping band Cordstrap CC40, 300 daN	13 mm	box of 1 roll core Ø roll: 200 mm	roll of 1100 m
CR81	strapping band Cordstrap CC50, 425 daN	16 mm	box of 1 roll core Ø roll: 200 mm	roll of 850 m
CR82	strapping band Cordstrap CC60, 475 daN	19 mm	box of 1 roll core Ø roll: 200 mm	roll of 600 m
CR83	lashing band Cordstrap CC86UF, 925 daN	25 mm	box of 1 roll core Ø roll: 200 mm	roll of 450 m
CR85	lashing band Cordstrap CC105UF, 1600 daN	32 mm	box of 1 roll core Ø roll: 200 mm	roll of 230 m



Cordstrap® Cordweb Strapping band

woven

Item No.	Description	Band width	Packaging unit	Sales unit
CR88	strapping band Cordweb 50, 550 daN	16 mm	box à of 2 rolls	roll of 850 m
CR71	strapping band Cordweb 60, 800 daN	19 mm	box à of 2 rolls	roll of 480 m



Cordstrap® buckles, phosphated

for band type WG HM / WG HD

Item No.	Description	Width	Packaging unit	Sales unit
CV51	CB-4F	13 mm	box of 1000 pcs.	box
CV52	CB-5F	16 mm	box of 1000 pcs.	box
CV53	CB-6F	19 mm	box of 500 pcs.	box
CV54	CB-8F	25 mm	box of 250 pcs.	box
CV62	CB-10F	34 mm	box of 125 pcs.	box
CV63	CB-12F	40 mm	box of 100 pcs.	box
CV65	CB-12SF Heavy	40 mm	box of 50 pcs.	box



Cordstrap® Buckles, galvanised

to band type WG HM / WG HD / WH HF / CC

Item No.	Description	Width	Packaging unit	Sales unit
CV55	CB-3	9 mm	box of 1000 pcs.	box
CV56	CB-4	13 mm	box of 1000 pcs.	box
CV57	CB-5	16 mm	box of 1000 pcs.	box
CV58	CB-6	19 mm	box of 500 pcs.	box
CV59	CB-8	25 mm	box of 250 pcs.	box
CV60	CB-10	34 mm	box of 125 pcs.	box
CV61	CB-12	40 mm	box of 100 pcs.	box



Cordlash® - Lashing belt, polyester

woven

Item No.	Description	Width	Packaging unit	Sales Unit
CR40	Cordlash 105, 2300 daN	31 mm	bag	250 m / bag
CR41	Cordlash 150, 3500 daN	38 mm	bag	200 m / bag
CR42	Cordlash 200, 5000 daN	40 mm	bag	200 m / bag

Load securing in containers, rail wagons, on flatracks, etc.

Ask your VTT specialist, Tel. +41 (61) 717 98 98



Load securing

Cordlash® - Buckles

to band type Cordlash

Item No.	Description	Width	Packaging unit	Sales Unit
CV67	HDB-10N	35 mm	box of 50 pcs.	box
CV64	HDB-12N	40 mm	box of 30 pcs.	box
CV69-HDB10C	CORDLASH HDB10C buckle	35 mm	box of 50 pcs.	box
CBH10	CORDLASH 105 hook buckle	35 mm	box of 50 pcs.	box
CBH12	CORDLASH 150 hook buckle	50 mm	box of 30 pcs.	box
DLB10	Dynablock buckle	35 mm	box of 20 pcs.	box
DLB12	Dynablock buckle	40 mm	box of 20 pcs.	box



Cordstrap AnchorLash® Kit

Designed specifically for light loads in containers, AnchorLash® is a breakthrough innovation in load securing. As the most time and cost efficient solution on the market, AnchorLash® enables the simple and uniform securing of light goods (up to 11 tonnes).

Item No.	Description	Packaging unit	Sales unit
7256709	AnchorLash® Kit 1 set = 4x band, 4x buckle	box	set
7256708	AnchorLash® Kit 1 set = 4x band, 4x buckle	bulk	90 set

Whether securing cardboard boxes or other soft packaging such as plastic drums, or 25kg / 50lb. bags in 20ft or 40ft containers, the AnchorLash solution ensures that cargo is secured in the simplest and most effective way.



Cordstrap CornerLash®

Designed specifically for heavy loads in containers, CornerLash® is a breakthrough innovation in load securing. As the most time- and cost-efficient solution on the market, CornerLash® enables the simple and uniform securing of heavy goods (up to 30 tonnes).

Item No.	Description	Packaging unit	Sales unit
7256588	CornerLash® 20ft 1 set = 4x corner elements, 4x band, 4x buckle	box	set
7256688	CornerLash® 40ft 1 set = 4x corner elements, 4x band, 4x buckle	box	set



Cordstrap CornerLash® AAR

Designed specifically for heavy loads in containers, CornerLash® is a breakthrough innovation in load securing. As the most time- and cost-efficient solution on the market, CornerLash® enables the simple and uniform securing of heavy goods (up to 30 tonnes).

The AAR specifications for the required pretension of 3000daN/6600lbf are achieved with pneumatic tensioners.

Item No.	Description	Packaging unit	Sales unit
7256558	CornerLash® 20ft AAR 1 set = 4x corner elements, 4x band, 4x buckle	box	set
7256658	CornerLash® 40ft AAR 1 set = 4x corner elements, 4x band, 4x buckle	box	set



Cordstrap CornerLash® IBC Corner Protector

The insight of our experts is that customers like to have the total overview of costs incurred. To ensure that time and cost efficiencies are maximised during load securing and transport by rail, road or sea, the CornerLash® IBC has been specifically tailored to meet the demands of the chemical industry.

Item No.	Description	Packaging unit	Sales unit
7607601	IBC corner protectors made of plastic	32 pcs. / box	box



VTT Floorlash / Hangstrap

The Floorlash system is 2.4 m long, has a loop opening every 20 cm and serves as a guide for the horizontal webbing Cordlash 105/150/200. The top of the Floorlash system is equipped with a latch hook for easy latching into the upper binding eyes of a box container.

Item No.	Description	Packaging unit	Sales unit
6470101 (CQ01)	VTT Floorlash / Hangstrap 2.4 m, with hook	50 pcs. / box	box



VTT Reefer Lashing Points

Set VTT lashing points where they are needed, for subsequent securing with VTT cordlash, according to CTU standard.

Item No.	Description	Packaging unit	Sales unit
CV70	VTT reefer lashing points, for safe cargo in the refrigerated container	24 pcs. / box	box



VTT Torque spanner

Torque spanner with 50mm nut for fixing reefer lashing points CV70. (Tighten with 50 - 60 Nm)

Item No.	Description	Packaging unit	Sales unit
CV71	Torque spanner with nut	1 piece	piece



Cordstrap Soft Packaging Edgeboards



Edgeboards (edge protection)

Material:
Moisture resistant, compressed paper type 1 with waterproof adhesive and waterproof coating, with slit for positioning of the lashing straps

Item No.	Description	Dimensions	Packaging unit
CWCS60CM	Edgeboard 06	150 x 150 x 9 mm, length: 60 cm	8 pieces / set
CWCS80CM	Edgeboard 08	150 x 150 x 9 mm, length: 80 cm	8 pieces / set
CWCS120CM	Edgeboard 12	150 x 150 x 9 mm, length: 120 cm	8 pieces / set
CWCS180CM	Edgeboard 18	150 x 150 x 9 mm, length: 180 cm	8 pieces / set
CWCS220CM	Edgeboard 22	150 x 150 x 9 mm, length: 220 cm	8 pieces / set

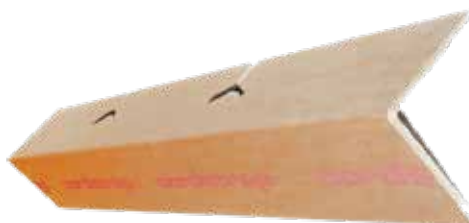
Cordstrap BigBag Flexboards and FlexBoards for drums



Flexboards (flexible protective cartons)

Material:
Compressed, laminated paper with waterproof coating and corrugated board, with slit for positioning of the lashing straps

Item No.	Description	Dimensions	Packaging unit
CWCSFLEX05	Big Bag Flexboard 05	700 x 13 mm, height: 50 cm	8 pieces / set
CWCSFLEX08	Big Bag Flexboard 08	700 x 13 mm, height: 80 cm	8 pieces / set
CWCSFLEX12	Big Bag Flexboard 12	700 x 13 mm, height: 120 cm	8 pieces / set
CWCSFLEX09	Flexboard 09 für Fässer	700 x 13 mm, height: 88 cm	8 pieces / set



Dunnage bags - Airbags

Dunnage bags LIGHT re-use / LIGHTflex



Dunnage bag LIGHT re-use LIGHT flex
 - material paper/PE
 - for lightweight loads
 - wet-strength
 - CO2 neutral produced

Item No.	Description	Dimensions	Packaging unit
AB11	Cargo-Pak LIGHT re-use	100x120cm	25 pcs. / box
AB12	Cargo-Pak LIGHT re-use	60x110cm	40 pcs. / box
AB13	Cargo-Pak LIGHT re-use	85x120cm	30 pcs. / box
AB14	Cargo-Pak LIGHT re-use	100x185cm	20 pcs. / box
AB15	Cargo-Pak LIGHT re-use	100x220cm	15 pcs. / box
AB16	Cargo-Pak LIGHT re-use	100x150cm	20 pcs. / box
AB40	Cargo-Pak LIGHT flex	60x110cm	50 pcs. / box
AB41	Cargo-Pak LIGHT flex	85x120cm	35 pcs. / box
AB42	Cargo-Pak LIGHT flex	85x185cm	30 pcs. / box
AB43	Cargo-Pak LIGHT flex	100x120cm	30 pcs. / box
AB44	Cargo-Pak LIGHT flex	100x150cm	30 pcs. / box
AB45	Cargo-Pak LIGHT flex	100x185cm	25 pcs. / box
AB46	Cargo-Pak LIGHT flex	100x220cm	20 pcs. / box

Dunnage bags MEDIUM



Dunnage bag MEDIUM
 - material paper/PE
 - for medium loads
 - wet-strength
 - CO2 neutral produced

Item No.	Description	Dimensions	Packaging unit
AB21	Cargo-Pak MEDIUM	60x110cm	30 pcs. / box
AB24	Cargo-Pak MEDIUM	85x185cm	15 pcs. / box
AB25	Cargo-Pak MEDIUM	100x185cm	15 pcs. / box
AB26	Cargo-Pak MEDIUM	100x220cm	15 pcs. / box
AB27	Cargo-Pak MEDIUM	100x120cm	20 pcs. / box

Accessories / Assortment



Filling pistols with or without pressure gauge and other dunnage bag dimensions available on request.

Dunnage bags HEAVY



Dunnage bag HEAVY
 - material paper/PE
 - for heavy loads
 - wet-strength
 - CO2 neutral produced

Item No.	Description	Dimensions	Packaging unit
AB30	Cargo-Pak HEAVY	60x110cm	25 pcs. / box
AB32	Cargo-Pak HEAVY	100x220cm	10 pcs. / box
AB34	Cargo-Pak HEAVY	100x185cm	10 pcs. / box
AB35	Cargo-Pak HEAVY	100x140cm	15 pcs. / box
AB36	Cargo-Pak HEAVY	85x120cm	20 pcs. / box

Also available: 120 x 180 cm and 120 x 240 cm

Dunnage bags more air for your cargo!



Dunnage bags for load securing

Cargo-Pak airbags provide effective cargo security. The idea is simple. The air cushions are placed in gaps between pieces of cargo and filled with air - the cargo is already secured.



High economic efficiency

The application of air cushions does not require a large investment. All you need is compressed air. A few airbags are often enough to secure even large cargo volumes or heavy weights.



Extremely quick loading

With a filling time of a few seconds, securing your cargo happens quickly and effectively compared to traditional support devices. The airbags are flexible and offer you the most versatile form of cargo securing you can have.



Safe transport

Cargo-Pak airbags are made of a durable and wet-strength special paper combined with plastic film. The cushions withstand pressure loads of up to 30 tonnes and secure your cargo when transported in containers by rail, truck or ship.

Dunnage bags - Airbags

Load securing

Dunnage bags Cargo Striker



Dunnage bag Cargo Striker
 - material paper/PE
 - fastest filling times
 - wet-strength
 - CO2 neutral produced

Dunnage bags PPW Striker



Dunnage bag PPW Striker
 - material PP and PE
 - fastest filling times
 - wet-strength

Item No.	Description	Dimensions	Packaging unit
AB83	Cargo-Pak Cargo Striker	85x120cm	35 pcs. / box
AB84	Cargo-Pak Cargo Striker	85x185cm	30 pcs. / box
AB85	Cargo-Pak Cargo Striker	120x220cm	20 pcs. / box

Item No.	Description	Dimensions	Packaging unit
AB48	Cargo-Pak PPW Striker	60x120cm	850 pcs. / pallet
AB49	Cargo-Pak PPW Striker	90x120cm	560 pcs. / pallet
AB50	Cargo-Pak PPW Striker	90x150cm	520 pcs. / pallet
AB51	Cargo-Pak PPW Striker	90x180cm	470 pcs. / pallet
AB52	Cargo-Pak PPW Striker	90x210cm	420 pcs. / pallet
AB53	Cargo-Pak PPW Striker	120x180cm	330 pcs. / pallet
AB54	Cargo-Pak PPW Striker	120x225cm	270 pcs. / pallet
AB55	Cargo-Pak PPW Striker	150x200cm	420 pcs. / pallet



Dunnage bags - Accessories

Turbo Striker Inflator



Quick-fill inflator, for Cargo Striker and PPW Striker airbags

Striker Slinky Inflator



Quick-fill inflator with extension hose attachment, for Cargo Striker and PPW Striker airbags



Striker Digital Inflator



Filling adapter with digital pressure gauge, for Cargo Striker and PPW Striker airbags

Striker Portable Inflator



Mobile, battery-powered filling adapter, for Cargo Striker and PPW Striker airbags

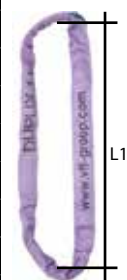


Round slings Duplix[®] double tube

Round slings Duplix 1 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009000-001	1 t	0.5 m	violet
7009000-002	1 t	1.0 m	violet
7009000-003	1 t	1.5 m	violet
7009000-004	1 t	2.0 m	violet
7009000-005	1 t	2.5 m	violet
7009000-006	1 t	3.0 m	violet
7009000-007	1 t	4.0 m	violet
7009000-008	1 t	5.0 m	violet
7009000-009	1 t	6.0 m	violet

Intermediate lengths and special lengths on request



L1 = working length

Round slings Duplix Duplix 2 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009001-001	2 t	0.5 m	green
7009001-002	2 t	1.0 m	green
7009001-003	2 t	1.5 m	green
7009001-004	2 t	2.0 m	green
7009001-005	2 t	2.5 m	green
7009001-006	2 t	3.0 m	green
7009001-007	2 t	4.0 m	green
7009001-008	2 t	5.0 m	green
7009001-009	2 t	6.0 m	green

Intermediate lengths and special lengths on request



Round slings Duplix Duplix 3 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009002-001	3 t	1.0 m	yellow
7009002-002	3 t	1.5 m	yellow
7009002-003	3 t	2.0 m	yellow
7009002-004	3 t	2.5 m	yellow
7009002-005	3 t	3.0 m	yellow
7009002-006	3 t	4.0 m	yellow
7009002-007	3 t	5.0 m	yellow
7009002-008	3 t	6.0 m	yellow

Intermediate lengths and special lengths on request



Round slings Duplix Duplix 4 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009003-001	4 t	1.0 m	grey
7009003-002	4 t	1.5 m	grey
7009003-003	4 t	2.0 m	grey
7009003-004	4 t	2.5 m	grey
7009003-005	4 t	3.0 m	grey
7009003-006	4 t	4.0 m	grey
7009003-007	4 t	5.0 m	grey
7009003-008	4 t	6.0 m	grey

Intermediate lengths and special lengths on request



Round slings Duplix Duplix 5 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009004-001	5 t	2.0 m	red
7009004-002	5 t	2.5 m	red
7009004-003	5 t	3.0 m	red
7009004-004	5 t	4.0 m	red
7009004-005	5 t	5.0 m	red
7009004-006	5 t	6.0 m	red

Intermediate lengths and special lengths on request



Round slings Duplix Duplix 6 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009005-010	6 t	1.0 m	brown
7009005-001	6 t	2.0 m	brown
7009005-002	6 t	2.5 m	brown
7009005-003	6 t	3.0 m	brown
7009005-004	6 t	4.0 m	brown
7009005-005	6 t	5.0 m	brown
7009005-006	6 t	6.0 m	brown

Intermediate lengths and special lengths on request



Round slings Duplix Duplix 8 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009006-001	8 t	2.0 m	blue
7009006-002	8 t	2.5 m	blue
7009006-003	8 t	3.0 m	blue
7009006-004	8 t	4.0 m	blue
7009006-005	8 t	5.0 m	blue
7009006-006	8 t	6.0 m	blue

Intermediate lengths and special lengths on request



Round slings Duplix Duplix 10 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009007-001	10 t	2.5 m	orange
7009007-002	10 t	3.0 m	orange
7009007-003	10 t	4.0 m	orange
7009007-004	10 t	5.0 m	orange
7009007-005	10 t	6.0 m	orange
7009007-006	10 t	7.0 m	orange
7009007-007	10 t	8.0 m	orange

Intermediate lengths and special lengths on request



Round slings Duplix® Heavy load

Round slings Duplix 15 t, EN 1492-2 Safety Factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009008-001	15 t	2.5 m	orange
7009008-002	15 t	3.0 m	orange
7009008-003	15 t	4.0 m	orange
7009008-004	15 t	5.0 m	orange
7009008-005	15 t	6.0 m	orange
7009008-006	15 t	7.0 m	orange
7009008-007	15 t	8.0 m	orange

Intermediate lengths and special lengths on request



Round slings Duplix 20 t, EN 1492-2 Sicherheitsfaktor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009009-001	20 t	2.5 m	orange
7009009-002	20 t	3.0 m	orange
7009009-003	20 t	4.0 m	orange
7009009-004	20 t	5.0 m	orange
7009009-005	20 t	6.0 m	orange
7009009-006	20 t	7.0 m	orange
7009009-007	20 t	8.0 m	orange

Intermediate lengths and special lengths on request



Round slings Duplix 25 t, EN 1492-2, Safety Factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009010-001	25 t	2.5 m	orange
7009010-002	25 t	3.0 m	orange
7009010-003	25 t	4.0 m	orange
7009010-004	25 t	5.0 m	orange
7009010-005	25 t	6.0 m	orange
7009010-006	25 t	7.0 m	orange
7009010-007	25 t	8.0 m	orange

Intermediate lengths and special lengths on request



Round slings Duplix 30 t, EN 1492-2, Safety Factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009011-001	30 t	2.5 m	orange
7009011-002	30 t	3.0 m	orange
7009011-003	30 t	4.0 m	orange
7009011-004	30 t	5.0 m	orange
7009011-005	30 t	6.0 m	orange
7009011-006	30 t	7.0 m	orange
7009011-007	30 t	8.0 m	orange

Intermediate lengths and special lengths on request



Round slings Duplix 40 t, Safety Factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009012-001	40 t	2.5 m	orange
7009012-002	40 t	3.0 m	orange
7009012-003	40 t	4.0 m	orange
7009012-004	40 t	5.0 m	orange
7009012-005	40 t	6.0 m	orange
7009012-006	40 t	7.0 m	orange
7009012-007	40 t	8.0 m	orange

Intermediate lengths and special lengths on request



Round slings Duplix 50 t

Item No.	WLL	L1 (Working length)	Colour
7009013-001	50 t	3.0 m	orange
7009013-002	50 t	4.0 m	orange
7009013-003	50 t	5.0 m	orange
7009013-004	50 t	6.0 m	orange
7009013-005	50 t	7.0 m	orange
7009013-006	50 t	8.0 m	orange
7009013-007	50 t	9.0 m	orange
7009013-008	50 t	10.0 m	orange
7009013-009	50 t	11.0 m	orange

Intermediate lengths and special lengths on request



Round slings Duplix 60 t

Item No.	WLL	L1 (Working length)	Colour
7009014-001	60 t	3.0 m	orange
7009014-002	60 t	4.0 m	orange
7009014-003	60 t	5.0 m	orange
7009014-004	60 t	6.0 m	orange
7009014-005	60 t	7.0 m	orange
7009014-006	60 t	8.0 m	orange
7009014-007	60 t	9.0 m	orange
7009014-008	60 t	10.0 m	orange
7009014-009	60 t	11.0 m	orange

Intermediate lengths and special lengths on request



Round slings Duplix® Heavy load

Round slings Duplix 80 t

Item No.	WLL	L1 (Working length)	Colour
7009015-001	80 t	3.0 m	orange
7009015-002	80 t	4.0 m	orange
7009015-003	80 t	5.0 m	orange
7009015-004	80 t	6.0 m	orange
7009015-005	80 t	7.0 m	orange
7009015-006	80 t	8.0 m	orange
7009015-007	80 t	9.0 m	orange
7009015-008	80 t	10.0 m	orange
7009015-009	80 t	11.0 m	orange

Intermediate lengths and special lengths on request



Round slings Duplix 100 t

Item No.	WLL	L1 (Working length)	Colour
7009016-001	100 t	3.0 m	orange
7009016-002	100 t	4.0 m	orange
7009016-003	100 t	5.0 m	orange
7009016-004	100 t	6.0 m	orange
7009016-005	100 t	7.0 m	orange
7009016-006	100 t	8.0 m	orange
7009016-007	100 t	9.0 m	orange
7009016-008	100 t	10.0 m	orange
7009016-009	100 t	11.0 m	orange

Intermediate lengths and special lengths on request



Round slings Duplix up to WLL 400 tons possible on request !



Round sling hooks

Item No.	Weight (kg)	WLL (kg)	Colour	Dimensions			
				A	B	C	T
870001-000	0.7	1000	violet	78	123	12	31
870002-000	1.2	2000	green	91	118	19	40
870003-000	2.2	3000	yellow	113	175	21	50
870004-000	4.5	4000	grey	133	223	40	59.5
870005-000	4.5	5000	red	133	223	40	59.5
870006-000	4.5	6000	brown	133	223	40	59.5



Round slings Profix® *Single tube*

Round slings Profix 1 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019000-001	1 t	0.5 m	violet
7019000-002	1 t	1.0 m	violet
7019000-003	1 t	1.5 m	violet
7019000-004	1 t	2.0 m	violet
7019000-005	1 t	2.5 m	violet
7019000-006	1 t	3.0 m	violet
7001000-007	1 t	4.0 m	violet
7019000-008	1 t	5.0 m	violet

Intermediate lengths and special lengths on request



Round slings Profix 2 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019001-001	2 t	0.5 m	green
7019001-002	2 t	1.0 m	green
7019001-003	2 t	1.5 m	green
7019001-004	2 t	2.0 m	green
7019001-005	2 t	2.5 m	green
7019001-006	2 t	3.0 m	green
7001001-007	2 t	4.0 m	green
7019001-008	2 t	5.0 m	green

Intermediate lengths and special lengths on request



Round slings Profix 3 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019002-001	3 t	1.0 m	yellow
7019002-002	3 t	1.5 m	yellow
7019002-003	3 t	2.0 m	yellow
7019002-004	3 t	2.5 m	yellow
7019002-005	3 t	3.0 m	yellow
7001002-006	3 t	4.0 m	yellow
7019002-007	3 t	5.0 m	yellow

Intermediate lengths and special lengths on request



Round slings Profix 4 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019003-001	4 t	1.0 m	grey
7019003-002	4 t	1.5 m	grey
7019003-003	4 t	2.0 m	grey
7019003-004	4 t	2.5 m	grey
7019003-005	4 t	3.0 m	grey
7001003-006	4 t	4.0 m	grey
7019003-007	4 t	5.0 m	grey
7019003-008	4 t	6.0 m	grey

Intermediate lengths and special lengths on request



Round slings Profix 5 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019004-001	5 t	2.0 m	red
7019004-002	5 t	2.5 m	red
7019004-003	5 t	3.0 m	red
7019004-004	5 t	4.0 m	red
7019004-005	5 t	5.0 m	red
7001004-006	5 t	6.0 m	red

Intermediate lengths and special lengths on request



Round slings Profix 6 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019005-001	6 t	2.0 m	brown
7019005-002	6 t	2.5 m	brown
7019005-003	6 t	3.0 m	brown
7019005-004	6 t	4.0 m	brown
7019005-005	6 t	5.0 m	brown
7001005-006	6 t	6.0 m	brown

Intermediate lengths and special lengths on request



Round slings Profix 8 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019006-001	8 t	2.0 m	blue
7019006-002	8 t	2.5 m	blue
7019006-003	8 t	3.0 m	blue
7019006-004	8 t	4.0 m	blue
7019006-005	8 t	5.0 m	blue
7001006-006	8 t	6.0 m	blue

Intermediate lengths and special lengths on request



Round slings Profix 10 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019007-001	10 t	2.0 m	orange
7019007-002	10 t	2.5 m	orange
7019007-003	10 t	3.0 m	orange
7019007-004	10 t	4.0 m	orange
7019007-005	10 t	5.0 m	orange
7001007-006	10 t	6.0 m	orange

Intermediate lengths and special lengths on request



Round slings Duplix[®] Inox

Round slings Duplix Inox 2 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019901-150	2 t	1.5 m	grün
7019901-200	2 t	2.0 m	grün
7019901-250	2 t	2.5 m	grün
7019901-300	2 t	3.0 m	grün
7019901-400	2 t	4.0 m	grün
7019901-500	2 t	5.0 m	grün

Intermediate lengths and special lengths on request



L1 = working length

Round slings Duplix Inox 4 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019902-150	4 t	1.5 m	grau
7019902-200	4 t	2.0 m	grau
7019902-250	4 t	2.5 m	grau
7019902-300	4 t	3.0 m	grau
7019902-400	4 t	4.0 m	grau
7019902-500	4 t	5.0 m	grau

Intermediate lengths and special lengths on request



Round slings Duplix Inox 6 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019903-150	6 t	1.5 m	braun
7019903-200	6 t	2.0 m	braun
7019903-250	6 t	2.5 m	braun
7019903-300	6 t	3.0 m	braun
7019903-400	6 t	4.0 m	braun
7019903-500	6 t	5.0 m	braun

Intermediate lengths and special lengths on request



Round slings Duplix Inox 8 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019904-150	8 t	1.5 m	blau
7019904-200	8 t	2.0 m	blau
7019904-250	8 t	2.5 m	blau
7019904-300	8 t	3.0 m	blau
7019904-400	8 t	4.0 m	blau
7019904-500	8 t	5.0 m	blau

Intermediate lengths and special lengths on request



Round slings Duplix Inox 10 t, EN 1492-2, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7019905-150	10 t	1.5 m	orange
7019905-200	10 t	2.0 m	orange
7019905-250	10 t	2.5 m	orange
7019905-300	10 t	3.0 m	orange
7019905-400	10 t	4.0 m	orange
7019905-500	10 t	5.0 m	orange

Intermediate lengths and special lengths on request



For lifting sharp-edged loads

The Duplix Inox round sling consists of a patented mantle fabric that has a service life around 8 times longer than an ordinary round sling tube in use with sharp-edged loads. This exceptional performance is achieved through the use of steel fibres in the mantle fabric which, although very fine, achieve a very high degree of efficiency against cutting effects in the mantle through the correct weaving technique.

Application area from industry to commerce

Duplix Inox round slings are ideal for lifting metal coils, steel and concrete elements where sharp edges put a lot of strain on the lifting gear. The durable Duplix Inox mantle achieves a clearly increased service life, which makes this round sling a very cost-effective and efficient lifting device.

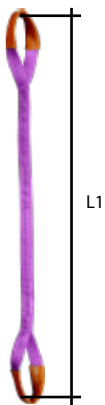


Lifting belts Profix®

Lifting belts Profix 1 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009104-001	1 t	1.0 m	violet
7009104-002	1 t	2.0 m	violet
7009104-003	1 t	3.0 m	violet
7009104-004	1 t	4.0 m	violet
7009104-005	1 t	5.0 m	violet
7009104-006	1 t	6.0 m	violet

Intermediate lengths and special lengths on request



L1 = working length

Lifting belts Profix 2 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009105-001	2 t	1.0 m	green
7009105-002	2 t	2.0 m	green
7009105-003	2 t	3.0 m	green
7009105-004	2 t	4.0 m	green
7009105-005	2 t	5.0 m	green
7009105-006	2 t	6.0 m	green

Intermediate lengths and special lengths on request



Lifting belts Profix 3 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009106-001	3 t	2.0 m	yellow
7009106-002	3 t	3.0 m	yellow
7009106-003	3 t	4.0 m	yellow
7009106-004	3 t	5.0 m	yellow
7009106-005	3 t	6.0 m	yellow

Intermediate lengths and special lengths on request



Lifting belts Profix 4 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009107-002	4 t	2.0 m	grey
7009107-003	4 t	3.0 m	grey
7009107-004	4 t	4.0 m	grey
7009107-005	4 t	5.0 m	grey
7009107-006	4 t	6.0 m	grey

Intermediate lengths and special lengths on request



Lifting belts Profix 5 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009108-002	5 t	2.0 m	red
7009108-003	5 t	3.0 m	red
7009108-004	5 t	4.0 m	red
7009108-005	5 t	5.0 m	red
7009108-006	5 t	6.0 m	red

Intermediate lengths and special lengths on request



Lifting belts Profix 6 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009109-002	6 t	2.0 m	brown
7009109-003	6 t	3.0 m	brown
7009109-004	6 t	4.0 m	brown
7009109-005	6 t	5.0 m	brown
7009109-006	6 t	6.0 m	brown

Intermediate lengths and special lengths on request



Lifting belts Profix 8 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009110-002	8 t	2.0 m	blue
7009110-003	8 t	3.0 m	blue
7009110-004	8 t	4.0 m	blue
7009110-005	8 t	5.0 m	blue
7009110-006	8 t	6.0 m	blue

Intermediate lengths and special lengths on request



Lifting belts Profix 10 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009111-002	10 t	2.0 m	orange
7009111-003	10 t	3.0 m	orange
7009111-004	10 t	4.0 m	orange
7009111-005	10 t	5.0 m	orange
7009111-006	10 t	6.0 m	orange

Intermediate lengths and special lengths on request



Lifting belts Edgesafe with solid coating

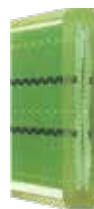
Lifting belts Edgesafe, solid coating 5 mm, 1 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour	Item No.	WLL	L1 (Working length)	Colour
7009040-006	1 t	1.0 m	violet	7009040-003	1 t	4.0 m	violet
7009040-001	1 t	2.0 m	violet	7009040-004	1 t	5.0 m	violet
7009040-002	1 t	3.0 m	violet	7009040-005	1 t	6.0 m	violet



Lifting belts Edgesafe, solid coating 5 mm, 2 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour	Item No.	WLL	L1 (Working length)	Colour
7009041-006	2 t	1.0 m	green	7009041-003	2 t	4.0 m	green
7009041-001	2 t	2.0 m	green	7009041-004	2 t	5.0 m	green
7009041-002	2 t	3.0 m	green	7009041-005	2 t	6.0 m	green



Lifting equipment

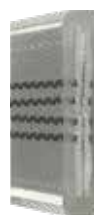
Lifting belts Edgesafe, solid coating 5 mm, 3 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour	Item No.	WLL	L1 (Working length)	Colour
7009042-001	3 t	2.0 m	yellow	7009042-004	3 t	5.0 m	yellow
7009042-002	3 t	3.0 m	yellow	7009042-005	3 t	6.0 m	yellow
7009042-003	3 t	4.0 m	yellow				



Lifting belts Edgesafe, solid coating 5 mm, 4 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour	Item No.	WLL	L1 (Working length)	Colour
7009043-001	4 t	2.0 m	grey	7009043-004	4 t	5.0 m	grey
7009043-002	4 t	3.0 m	grey	7009043-005	4 t	6.0 m	grey
7009043-003	4 t	4.0 m	grey				



Lifting belts Edgesafe, solid coating 5 mm, 5 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour	Item No.	WLL	L1 (Working length)	Colour
7009044-001	5 t	2.0 m	red	7009044-004	5 t	5.0 m	red
7009044-002	5 t	3.0 m	red	7009044-005	5 t	6.0 m	red
7009044-003	5 t	4.0 m	red				



Lifting belts Edgesafe, solid coating 5 mm, 6 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour	Item No.	WLL	L1 (Working length)	Colour
7009045-001	6 t	2.0 m	brown	7009045-004	6 t	5.0 m	brown
7009045-002	6 t	3.0 m	brown	7009045-005	6 t	6.0 m	brown
7009045-003	6 t	4.0 m	brown				



Lifting belts Edgesafe, solid coating 5 mm, 8 t, EN 1492-1, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour	Item No.	WLL	L1 (Working length)	Colour
7009046-001	8 t	2.0 m	blue	7009046-004	8 t	5.0 m	blue
7009046-002	8 t	3.0 m	blue	7009046-005	8 t	6.0 m	blue
7009046-003	8 t	4.0 m	blue				

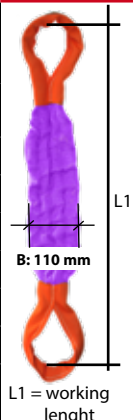


Lifting belt slings Duplix®

Lifting belt slings Duplix 1 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009113-010	1 t	1.0 m	violet
7009113-020	1 t	2.0 m	violet
7009113-030	1 t	3.0 m	violet
7009113-040	1 t	4.0 m	violet
7009113-050	1 t	5.0 m	violet
7009113-060	1 t	6.0 m	violet

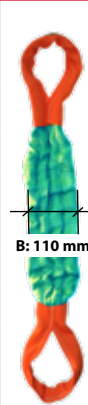
Intermediate lengths and special lengths on request



Lifting belt slings Duplix 2 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009114-010	2 t	1.0 m	green
7009114-020	2 t	2.0 m	green
7009114-030	2 t	3.0 m	green
7009114-040	2 t	4.0 m	green
7009114-050	2 t	5.0 m	green
7009114-060	2 t	6.0 m	green

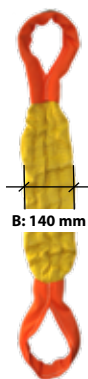
Intermediate lengths and special lengths on request



Lifting belt slings Duplix 3 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009115-010	3 t	1.0 m	yellow
7009115-020	3 t	2.0 m	yellow
7009115-030	3 t	3.0 m	yellow
7009115-040	3 t	4.0 m	yellow
7009115-050	3 t	5.0 m	yellow
7009115-060	3 t	6.0 m	yellow

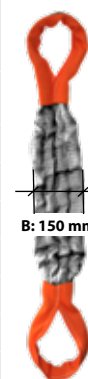
Intermediate lengths and special lengths on request



Lifting belt slings Duplix 4 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009116-010	4 t	1.0 m	grey
7009116-020	4 t	2.0 m	grey
7009116-030	4 t	3.0 m	grey
7009116-040	4 t	4.0 m	grey
7009116-050	4 t	5.0 m	grey
7009116-060	4 t	6.0 m	grey

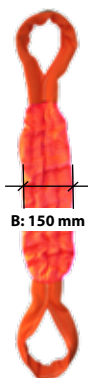
Intermediate lengths and special lengths on request



Lifting belt slings Duplix 5 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009117-010	5 t	1.0 m	red
7009117-020	5 t	2.0 m	red
7009117-030	5 t	3.0 m	red
7009117-040	5 t	4.0 m	red
7009117-050	5 t	5.0 m	red
7009117-060	5 t	6.0 m	red

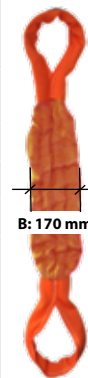
Intermediate lengths and special lengths on request



Lifting belt slings Duplix 6 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009118-010	6 t	1.0 m	brown
7009118-020	6 t	2.0 m	brown
7009118-030	6 t	3.0 m	brown
7009118-040	6 t	4.0 m	brown
7009118-050	6 t	5.0 m	brown
7009118-060	6 t	6.0 m	brown

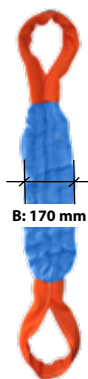
Intermediate lengths and special lengths on request



Lifting belt slings Duplix 8 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009119-010	8 t	1.0 m	blue
7009119-020	8 t	2.0 m	blue
7009119-030	8 t	3.0 m	blue
7009119-040	8 t	4.0 m	blue
7009119-050	8 t	5.0 m	blue
7009119-060	8 t	6.0 m	blue

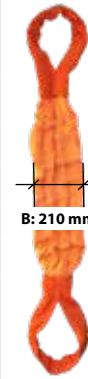
Intermediate lengths and special lengths on request



Lifting belt slings Duplix 10 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009120-030	10 t	3.0 m	orange
7009120-040	10 t	4.0 m	orange
7009120-050	10 t	5.0 m	orange
7009120-060	10 t	6.0 m	orange

Intermediate lengths and special lengths on request



Lifting belt slings Duplix®

Lifting belt slings Duplix 15 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009121-030	15 t	3.0 m	orange
7009121-040	15 t	4.0 m	orange
7009121-050	15 t	5.0 m	orange
7009121-060	15 t	6.0 m	orange

Intermediate lengths and special lengths on request



Lifting belt slings Duplix 20 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009122-040	20 t	4.0 m	orange
7009122-050	20 t	5.0 m	orange
7009122-060	20 t	6.0 m	orange

Intermediate lengths and special lengths on request



Lifting belt slings Duplix 25 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009123-040	25 t	4.0 m	orange
7009123-050	25 t	5.0 m	orange
7009123-060	25 t	6.0 m	orange

Intermediate lengths and special lengths on request



Lifting belt slings Duplix 30 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009124-040	30 t	4.0 m	orange
7009124-050	30 t	5.0 m	orange
7009124-060	30 t	6.0 m	orange

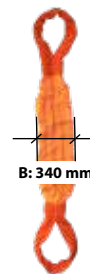
Intermediate lengths and special lengths on request



Lifting belt slings Duplix 40 t, EN 1492, Safety factor 7:1

Item No.	WLL	L1 (Working length)	Colour
7009125-040	40 t	4.0 m	orange
7009125-050	40 t	5.0 m	orange
7009125-060	40 t	6.0 m	orange

Intermediate lengths and special lengths on request



Lifting belt slings Duplix 50 t, EN 1492

Item No.	WLL	L1 (Working length)	Colour
7009126-040	50 t	4.0 m	orange
7009126-050	50 t	5.0 m	orange
7009126-060	50 t	6.0 m	orange

Intermediate lengths and special lengths on request



Lifting belt slings Duplix 60 - 100 t, EN 1492

Item No.	WLL	L1 (Working length)	Colour
7009127-000	60 t	x.x m	orange
7009128-000	70 t	x.x m	orange
7009129-000	80 t	x.x m	orange
7009130-000	100 t	x.x m	orange

Lengths on request



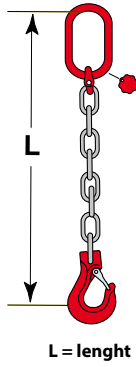
Lifting chains grade 8

1 - leg,
DIN EN 818 - 4



Item No.	Chain (Ø mm)	WLL (kg)
KGN108xxxLH	8	2000
KGN110xxxLH	10	3150

With load hook: LH



1 - leg,
DIN EN 818 - 4

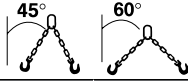


Item No.	Chain (Ø mm)	WLL (kg)
KGN108xxxSL	8	2000
KGN110xxxSL	10	3150

With safety hook: SL

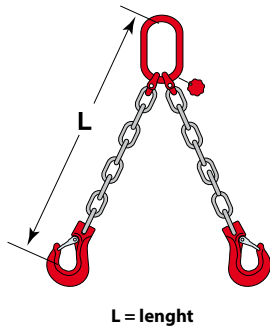


2 - legs,
DIN EN 818 - 4

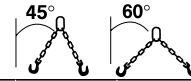


Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN208xxxLH	8	2800	2000
KGN210xxxLH	10	4250	3150

With load hook: LH



2 - legs,
DIN EN 818 - 4

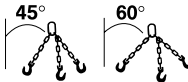


Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN208xxxSL	8	2800	2000
KGN210xxxSL	10	4250	3150

With safety hook: SL

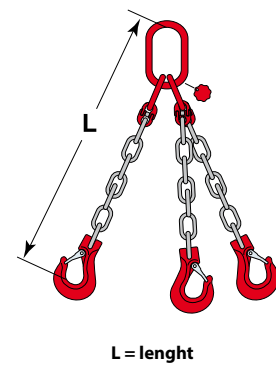


3 - legs,
DIN EN 818 - 4

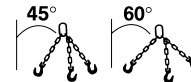


Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN308xxxLH	8	4250	3000
KGN310xxxLH	10	6700	4750

With load hook: LH



3 - legs,
DIN EN 818 - 4



Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN308xxxSL	8	4250	3000
KGN310xxxSL	10	6700	4750

With safety hook: SL

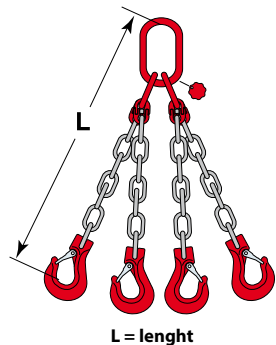


4 - legs,
DIN EN 818 - 4



Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN408xxxLH	8	4250	3000
KGN410xxxLH	10	6700	4750

With load hook: LH



4 - legs,
DIN EN 818 - 4



Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN408xxxSL	8	4250	3000
KGN410xxxSL	10	6700	4750

With safety hook: SL



Also available in grade 10 !

Of course, we also stock round sling bridles and wire rope bridles,
ask your specialist at VTT, tel. +41 (61) 717 98 98 !

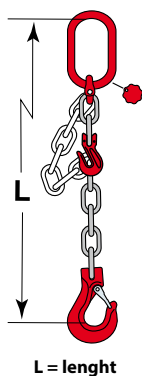
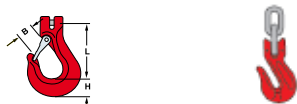
Lifting equipment

Lifting chains *shortenable with parallel hooks*

1 - leg,
DIN EN 818 - 4

Item No.	Chain (\varnothing mm)	WLL (kg)
KGJ108xxxLH	8	2000
KGJ110xxxLH	10	3150

With load hook: LH With parallel hook: J



1 - leg,
DIN EN 818 - 4

Item No.	Chain (\varnothing mm)	WLL (kg)
KGJ108xxxSL	8	2000
KGJ110xxxSL	10	3150

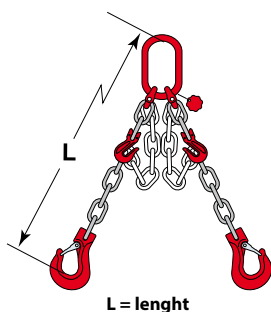
With safety hook: SL With parallel hook: J



2 - legs,
DIN EN 818 - 4

Item No.	Chain (\varnothing mm)	WLL (kg)	WLL (kg)
KGJ208xxxLH	8	2800	2000
KGJ210xxxLH	10	4250	3150

With load hook: LH With parallel hook: J



2 - legs,
DIN EN 818 - 4

Item No.	Chain (\varnothing mm)	WLL (kg)	WLL (kg)
KGJ208xxxSL	8	2800	2000
KGJ210xxxSL	10	4250	3150

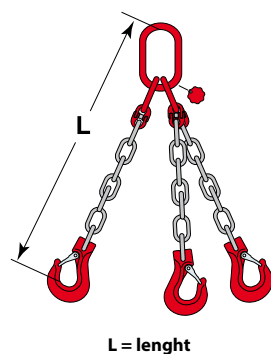
With safety hook: SL With parallel hook: J



3 - legs,
DIN EN 818 - 4

Item No.	Chain (\varnothing mm)	WLL (kg)	WLL (kg)
KGJ308xxxLH	8	4250	3000
KGJ310xxxLH	10	6700	4750

With load hook: LH With parallel hook: J



3 - legs,
DIN EN 818 - 4

Item No.	Chain (\varnothing mm)	WLL (kg)	WLL (kg)
KGJ308xxxSL	8	4250	3000
KGJ310xxxSL	10	6700	4750

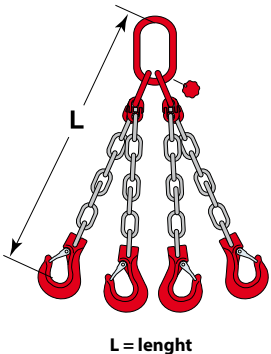
With safety hook: SL With parallel hook: J



4 - legs,
DIN EN 818 - 4

Item No.	Chain (\varnothing mm)	WLL (kg)	WLL (kg)
KGJ408xxxLH	8	4250	3000
KGJ410xxxLH	10	6700	4750

With load hook: LH With parallel hook: J



4 - legs,
DIN EN 818 - 4

Item No.	Chain (\varnothing mm)	WLL (kg)	WLL (kg)
KGJ408xxxSL	8	4250	3000
KGJ410xxxSL	10	6700	4750

With safety hook: SL With parallel hook: J




Also available in grade 10 !

Of course, we also stock round sling bridles and wire rope bridles,
ask your specialist at VTT, tel. +41 (61) 717 98 98 !



Lifting chains grade 10

1 - leg




Item No.	Chain (Ø mm)	WLL (kg)
KGN108xxxLH*	8	2500
KGN110xxxLH*	10	4000

With load hook: LH


L = lenght

1 - leg



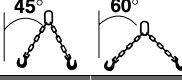
Item No.	Chain (Ø mm)	WLL (kg)
KGN108xxxSL*	8	2500
KGN110xxxSL*	10	4000

With safety hook: SL



L = lenght

2 - legs



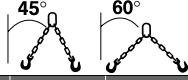
Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN208xxxLH*	8	3500	2500
KGN210xxxLH*	10	5600	4000

With load hook: LH


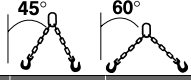
L = lenght

2 - legs




Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN208xxxSL*	8	3500	2500
KGN210xxxSL*	10	5600	4000

With safety hook: SL


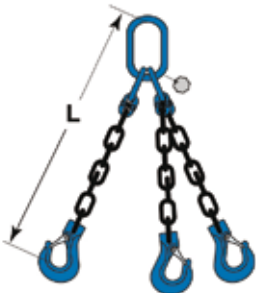
L = lenght

3 - legs




Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN308xxxLH*	8	5250	3750
KGN310xxxLH*	10	8400	6000

With load hook: LH


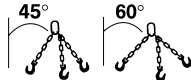
L = lenght

3 - legs



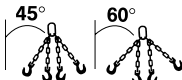
Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN308xxxSL*	8	5250	3750
KGN310xxxSL*	10	8400	6000

With safety hook: SL


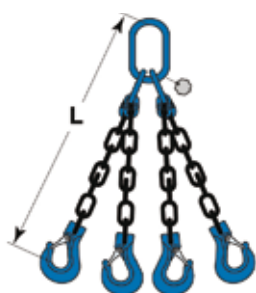
L = lenght

4 - legs




Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN408xxxLH*	8	5250	3750
KGN410xxxLH*	10	8400	6000

With load hook: LH



L = lenght

4 - legs



Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGN408xxxSL*	8	5250	3750
KGN410xxxSL*	10	8400	6000

With safety hook: SL


L = lenght

Also available in grade 8 !

Of course, we also stock round sling bridles and wire rope bridles, ask your specialist at VTT, tel. +41 (61) 717 98 98 !


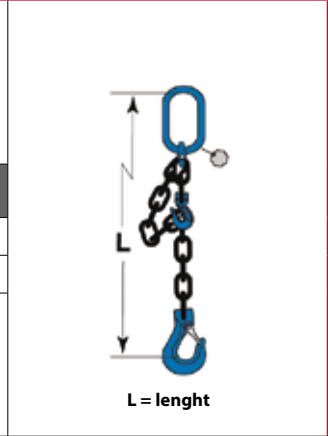
Lifting equipment

1 - leg




Item No.	Chain (Ø mm)	WLL (kg)
KGJ108xxxLH*	8	2500
KGJ110xxxLH*	10	4000

With load hook: LH With parallel hook: J





1 - leg

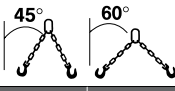


Item No.	Chain (Ø mm)	WLL (kg)
KGJ108xxxSL*	8	2500
KGJ110xxxSL*	10	4000

With safety hook: SL With parallel hook: J


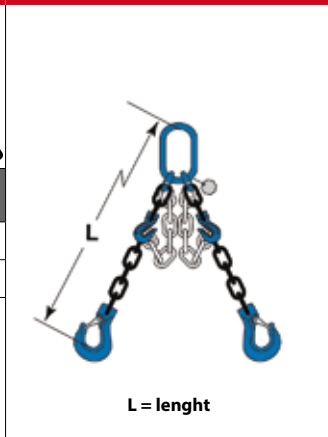
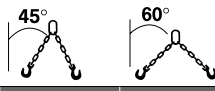


2 - legs




Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGJ208xxxLH*	8	3500	2500
KGJ210xxxLH**	10	5600	4000

With load hook: LH With parallel hook: J

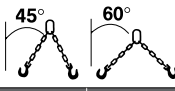




Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGJ208xxxSL*	8	3500	2500
KGJ210xxxSL*	10	5600	4000

With safety hook: SL With parallel hook: J


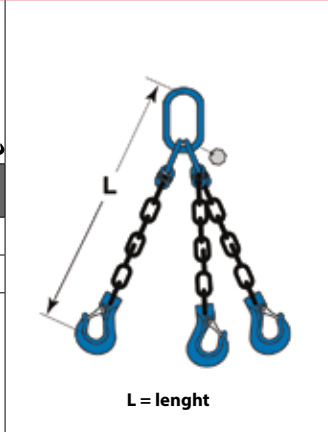


3 - legs

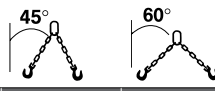


Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGJ308xxxLH*	8	5250	3750
KGJ310xxxLH*	10	8400	6000

With load hook: LH With parallel hook: J





3 - legs

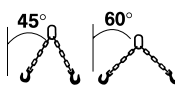


Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGJ308xxxSL*	8	5250	3750
KGJ310xxxSL*	10	8400	6000

With safety hook: SL With parallel hook: J


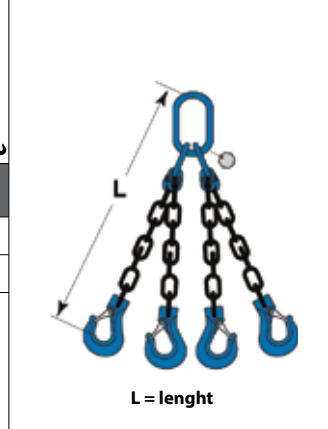


4 - legs

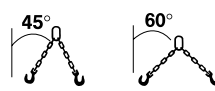


Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGJ408xxxLH*	8	5250	3750
KGJ410xxxLH*	10	8400	6000

With load hook: LH With parallel hook: J





4 - legs



Item No.	Chain (Ø mm)	WLL (kg)	WLL (kg)
KGJ408xxxSL*	8	5250	3750
KGJ410xxxSL*	10	8400	6000

With safety hook: SL With parallel hook: J



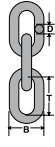
Also available in grade 8 !

Of course, we also stock round sling bridles and wire rope bridles, ask your specialist at VTT, tel. +41 (61) 717 98 98 !

Chain components *grade 8 and grade 10*

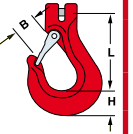
Round steel chain,
painted black, per m

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			D	T	
9080800-000	8	2000	8	24	
9080100-000	10	3150	10	30	



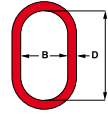
Load hook

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			B	L	H
9080800-001	8	2000	29	85.5	32.5
9080100-001	10	3150	49	104	35



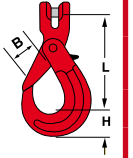
Hanger ring
1 - leg

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			D	L	B
9020100-003	8	2000	18	110	60
9020101-003	10	3150	18	135	75



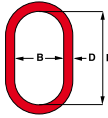
Safety hook

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			B	L	H
9020101-015	7/8	2000	34	116	28
9080100-004	10	3150	56	171	30



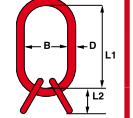
Hanger ring
2 - legs

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			D	L	B
9020101-003	8	3150	18	135	75
9080M00-002	10	4800	20	140	80



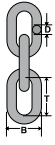
Hanger ring
3 - and 4- legs

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			D	L1	L2
9080M00-003	8	4750	20	140	70
9080M00-004	10	8000	26	180	90



Round steel chain,
painted blue, per m

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			D	T	
9100800-000	8	2500	8	24	
9100100-000	10	4000	10	30	



Load hook

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			B	L	H
9100800-002	8	2500	25	134	27.5
9100100-002	10	4000	28	161.5	33.5



Hanger ring
1 - leg

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			D	L	B
9100M00-001	8	4000	16	110	60
9100M00-002	10	5000	18	130	70



Safety hook

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			B	L	H
9100800-005	8	2500	35.5	166	26
9100100-005	10	4000	45	196.5	30



Hanger ring
2 - legs

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			D	L	B
9100M00-001	8	4000	16	110	60
9100M00-003	10	6000	20	140	80



Hanger ring
3 - and 4- legs

Item No.	Chain (Ø mm)	WLL (kg)	Dimensions		
			D	L1	L2
9100M00-004	8	6000	20	140	70
9100M00-005	10	10000	26	180	90



Shackles *high-strength, curved shape with eyebolt*

Item No.	Nominal size	WLL (kg)
8100500-000	1/4"	500
8101000-000	3/8"	1000
8101500-000	7/16"	1500
8102000-000	1/2"	2000
8103250-000	5/8"	3250
8104750-000	3/4"	4750



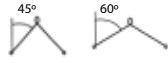
Item No.	Nominal size	WLL (kg)
8106500-000	7/8"	6500
8108500-000	1"	8500
8109500-000	1 1/8"	9500
8112000-000	1 1/4"	12000
8113500-000	1 3/8"	13500
8117000-000	1 1/2"	17000



Lifting equipment

Octopus - textile bridles

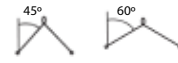
Textile bridles,
Octopus, 2 - legs,
EN 1492-1



Item No.	Lenght (without hook)	WLL (kg)	WLL (kg)	Colour
70007030010	1 m	1400	1000	violet
70007030020	2 m	1400	1000	violet
70007030030	3 m	1400	1000	violet
70007030040	4 m	1400	1000	violet
70007030050	5 m	1400	1000	violet
70007030060	6 m	1400	1000	violet



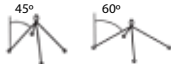
Textile bridles,
Octopus, 2 - legs,
EN 1492-1



Item No.	Lenght (without hook)	WLL (kg)	WLL (kg)	Colour
70007040010	1 m	2800	2000	green
70007040020	2 m	2800	2000	green
70007040030	3 m	2800	2000	green
70007040040	4 m	2800	2000	green
70007040050	5 m	2800	2000	green
70007040060	6 m	2800	2000	green



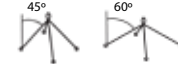
Textile bridles,
Octopus, 4 - legs,
EN 1492-1



Item No.	Lenght (without hook)	WLL (kg)	WLL (kg)	Colour
70007070010	1 m	2100	1500	violet
70007070020	2 m	2100	1500	violet
70007070030	3 m	2100	1500	violet
70007070040	4 m	2100	1500	violet
70007070050	5 m	2100	1500	violet
70007070060	6 m	2100	1500	violet



Textile bridles,
Octopus, 4 - legs,
EN 1492-1



Item No.	Lenght (without hook)	WLL (kg)	WLL (kg)	Colour
70007080010	1 m	4200	3000	green
70007080020	2 m	4200	3000	green
70007080030	3 m	4200	3000	green
70007080040	4 m	4200	3000	green
70007080050	5 m	4200	3000	green
70007080060	6 m	4200	3000	green



Fittings for Octopus (optional)

Textile coupler WLL 2.0to	Load hook with latch WLL 1.2to	Load hook with latch WLL 2.0to	Safety load hook WLL 1.2to	Safety load hook WLL 2.0to	Round sling hook WLL 1.0to	Round sling hook WLL 2.0to
Item No. 9020101-001	Item No. 9020100-002	Item No. 9020101-002	Item No. 9970002-000	Item No. 9020101-006	Item No. 8700001-000	Item No. 8700002-000

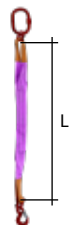


Lifting belt bridles

Lifting belt bridle,
1 - leg, EN 1492-1



Item No.	Lenght (L)	WLL (kg)	Colour
7000701-010	1 m	1000	violet
7000701-020	2 m	1000	violet
700071-030	3 m	1000	violet
7000701-040	4 m	1000	violet
7000701-050	5 m	1000	violet
7000701-060	6 m	1000	violet



L = belt length

Lifting belt bridle,
1 - leg, EN 1492-1

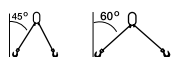


Item No.	Lenght (L)	WLL (kg)	Colour
7000702-010	1 m	2000	green
7000702-020	2 m	2000	green
7000702-030	3 m	2000	green
7000702-040	4 m	2000	green
7000702-050	5 m	2000	green
7000702-060	6 m	2000	green



L = belt length

Lifting belt bridle,
2 - legs, EN 1492-1

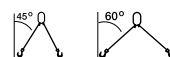


Item No.	Lenght (L)	WLL (kg)	WLL (kg)	Colour
7000703-010	1 m	1400	1000	violet
7000703-020	2 m	1400	1000	violet
7000703-030	3 m	1400	1000	violet
7000703-040	4 m	1400	1000	violet
7000703-050	5 m	1400	1000	violet
7000703-060	6 m	1400	1000	violet



L = belt length

Lifting belt bridle,
2 - legs, EN 1492-1



Item No.	Lenght (L)	WLL (kg)	WLL (kg)	Colour
7000704-010	1 m	2800	2000	green
7000704-020	2 m	2800	2000	green
7000704-030	3 m	2800	2000	green
7000704-040	4 m	2800	2000	green
7000704-050	5 m	2800	2000	green
7000704-060	6 m	2800	2000	green



L = belt length

Lifting belt bridle,
3 - legs, EN 1492-1



Item No.	Lenght (L)	WLL (kg)	WLL (kg)	Colour
7000705-010	1 m	2100	1500	violet
7000705-020	2 m	2100	1500	violet
7000705-030	3 m	2100	1500	violet
7000705-040	4 m	2100	1500	violet
7000705-050	5 m	2100	1500	violet
7000705-060	6 m	2100	1500	violet



L = belt length

Lifting belt bridle,
3 - legs, EN 1492-1

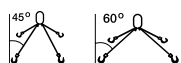


Item No.	Lenght (L)	WLL (kg)	WLL (kg)	Colour
7000706-010	1 m	4200	3000	green
7000706-020	2 m	4200	3000	green
7000706-030	3 m	4200	3000	green
7000706-040	4 m	4200	3000	green
7000706-050	5 m	4200	3000	green
7000706-060	6 m	4200	3000	green



L = belt length

Lifting belt bridle,
4 - legs, EN 1492-1

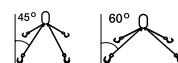


Item No.	Lenght (L)	WLL (kg)	WLL (kg)	Colour
7000707-010	1 m	2100	1500	violet
7000707-020	2 m	2100	1500	violet
7000707-030	3 m	2100	1500	violet
7000707-040	4 m	2100	1500	violet
7000707-050	5 m	2100	1500	violet
7000707-060	6 m	2100	1500	violet



L = belt length

Lifting belt bridle,
4 - legs, EN 1492-1



Item No.	Lenght (L)	WLL (kg)	WLL (kg)	Colour
7000708-010	1 m	4200	3000	green
7000708-020	2 m	4200	3000	green
7000708-030	3 m	4200	3000	green
7000708-040	4 m	4200	3000	green
7000708-050	5 m	4200	3000	green
7000708-060	6 m	4200	3000	green



L = belt length

Folded towel dispenser universal



Item No.	Material	Note	Colours	Packaging unit
GX56	metal lacquered	lockable	white	pce.

Folded towels



Item No.	Material	Format	Colour	Folding	Packaging unit
FT12	crepe recycling paper	25 x 33 cm, 1 - ply	natural	C - fold	box of 3640 wipes
FT17	crepe recycling paper	25 x 50 cm, 1 - ply	grey	C - fold	box of 2400 wipes
FT20	tissue	23 x 33 cm, 2 - ply	white	C - fold	box of 2880 wipes
GT12	crepe recycling paper	25 x 23 cm, 1 - ply	grey	V - fold	box of 5000 wipes (underpacked 20 x 250 pcs.)
GT21	crepe paper (wave embossing)	24 x 21 cm, 1 - ply	white	V - fold	box of 3750 wipes

C - fold = ply folding
V - fold = parallel centre fold

VTT dispenser box, wall model universal use for midi rolls with spiral sleeve



Item No.	Material	Note	Colour	Packaging unit
GX53	plastic casing	lockable	white / black	pce.

Towel rolls VTT-SOFT-TISSUE

Good absorption of liquids, residue-free dry wiping

Item No.	Material	Format	Colour	Packaging unit
WR24	recycled pulp oxygen bleached, 2 layers of approx. 19 gr/m ²	width: 22 cm, 2 - ply with spiral sleeve, layer-glued	white	6 rolls of 162 m



Range of application: Printing houses, graphic industry, food industry, precision mechanics, optics and electronics, manufacturing and processing plants in the chemical industry, vehicle construction and processing

VTT Olivia F.® -classic-soft, mild cream soap, with skin protection substances, for normal soiling

Discreet fragrance, PH-value 6.0 - 6.5, thus the natural acid mantle is preserved

Item No.	Description	Note	Colour	Packaging unit
FG60	OLIVIA F.® -classic soft	canister	white	5 litres
FG61	OLIVIA F.® -classic soft	cartridge for CWS dispenser	white	950 ml
FG62	OLIVIA F.® -classic soft	cartridge for CWS dispenser	white	500 ml
GX55	Soap dispenser made of anodised aluminium case, refillable	with refill cartridge 1000 ml	matt silver	pce.

Mild soap cream with active skin protection substances for normal soiling. Economical to use. Gives a pleasant soft skin feeling after washing. We use only particularly skin-friendly biodegradable washing raw materials (surfactants) obtained from natural (native) coconut oils. Mixture of biodegradable anionic and cationic surfactants, refatting and skin protection substances, auxiliary agents and preservatives.



VTT Olivia F.® forte II, Handwash paste

The extremely effective hand cleaning paste for the commercial and industrial needs

Item No.	Description	Packaging unit
FG53	VTT Olivia F.® forte II	5 kg bucket
FG54	VTT Olivia F.® forte II	10 kg bucket
GX57	Handwash paste dispenser Dispenser with hand wheel (model 103)	pce.
GX58	Handwash paste dispenser Dispenser with lever (model 104)	pce.

Removes a wide variety of stubborn dirt such as oil, soot, tar, grease, graphite, paint, printer's ink, soil, etc. dissolves stubborn dirt from the recesses of the skin, but at the same time protects and cares for it. This optimal combination of washing-active substances from natural oils and fats and other ecologically justifiable substances was achieved through many years of development work in the sense of the greatest possible environmental compatibility.



Kitchen rolls

Item No.	Material	Format	Colour	Packaging unit
KR12	tissue	3 - ply roll width 26 cm	white with decor embossing	bag of 32 rolls, 51 tear-offs à 26 x 23 cm

Absorbent, high resistance !



Toilet paper

tissue

Item No.	Material	Note	Colour	Packaging unit
GR22	recycling tissue	2 - ply, 250 sheets	white	pack of 64 rolls
GR30	tissue	3 - ply, 250 sheets	white	pack of 72 rolls
GR32	recycling tissue	3 - ply, 200 sheets	white	pack of 48 rolls



CHRISAL® Economic

Cleaning and degreasing concentrate

Item No.	Description	Packaging unit
FG14	Concentrated alkaline water-based cleaner. Works intensively on heavy soiling of all kinds. Removes stubborn dirt, as well as oil, grease and food and food residues. Permanently eliminates unpleasant odours. Completely biodegradable, phosphate-free, solvent-free, non-flammable and non-toxic.	canister of 25 ltrs
FG10		canister of 10 ltrs
FG11		canister of 5 ltrs
FG12		bottle of 1 ltr



CHRISAL® Descaler Super

Cleaning and degreasing concentrate

Item No.	Description	Packaging unit
FG21	Has very high cleaning power. Does not attack acid-resistant surfaces. Powerfully removes limescale and water stains. Leaves behind a fresh mint scent and a radiant shine. Neutralises bad odours.	canister of 5 ltrs



CHRISAL® Glass cleaner

Cleaning and degreasing concentrate

Item No.	Description	Packaging unit
FG41	High dirt-removing power, dries quickly and streak-free. Delays resoiling. Is a gentle glass cleaner with excellent wetting effect, intensive cleaning power and streak-free drying for windows, mirrors, highly polished surfaces, etc.	canister of 5 ltrs



CHRISAL® Wet cleaning roll Economic

Polypropylene fleece wipes (30 g/m²) impregnated with CHRISAL-Economic, a concentrated alkaline water-based cleaner, phosphate-free, solvent-free, non-toxic.

Item No.	Description	Packaging unit
KR10	starter pack	roll of 150 sheets 24 x 32 cm impregnated with CHRISAL-Economic - 10 %
KR11	refill pack, individually packed in PE bag	3 rolls of 150 sheets 24 x 32 cm impregnated with CHRISAL-Economic - 10 %

Intensive cleaning even with heavy soiling of all kinds (oils, greases, food residues, etc.),
Elimination of unpleasant odours

Range of application: Cleaning, hospitality, industry, workshop automotive sectors.
practical and ready to hand for quick cleaning in between,
suitable for all washable surfaces



refill pack

Wipes

VTT® Sontara, 48 % pulp, 52 % polyester, 80 g/m²

is the name of the technologically high-quality cleaning and polishing cloth from Dupont. It meets the highest standards, it is free of binders and silicone.

Item No.	Description	Format	Type	Packaging unit
ST13	Sontara TG , blue (smooth surface structure)	32 x 38 cm	wipe	600 pcs. / box
SR13	Sontara TG , blue (smooth surface structure)	27 x 38 cm	roll	500 tear-offs
ST16	Sontara PC-F , blue (fine perforated structure)	32,5 x 42 cm	wipe	300 pcs. / box
SR16	Sontara PC-F , blue (fine perforated structure)	32,5 x 42 cm	roll	500 tear-offs
ST14	Sontara Micrpure AP , white, RR Class ISO 6 (Cleanroom compatible)	30,5 x 30,5 cm	wipe	3000 pcs. / box

Is highly absorbent. It is characterised by above-average absorbency and has high absorption capacity of thin and thick fabrics. Reusable, low linting, tear-resistant, wet-strength.



VTT® Visco, 100 % Natural viscose fibres (rayon)

Binder and chemical free, approx. 75 gr/m², porous perforated structure

Item No.	Description	Format	Type	Packaging unit
ET10	natural viscose fibres, white	38 x 38 cm	wipe	400 pcs. / box
ET11	natural viscose fibres, white	29 x 38 cm	wipe	400 pcs. / box
ER10	natural viscose fibres, white	39 x 38 cm	roll	400 tear-offs
ER11	natural viscose fibres, white	29 x 38 cm	roll	400 tear-offs

Very robust, highly absorbent, above-average suction speed speed, can be used several times, high resistance, wet-strength



VTT® Poly ToGo

Fibre wipe for dirt and stain removal with water or solvent, as well as final cleaning or polishing of surfaces, absorbent, soft, abrasion-resistant, tear-resistant, solvent-resistant, low-linting

Item No.	Description	Format	Type	Packaging unit
PT12	55 % pulp, 45 % polyester	32 x 38 cm	wipe	8 boxes of 100 pcs.
PR12	55 % pulp, 45 % polyester	30 x 38 cm	roll	500 tear-offs
PR13	55 % pulp, 45 % polyester	30 x 38 cm	roll	spender box 450 tear-offs

Range of application: Electronics and plastics industry, food industry, painting, metal processing, as box: ideal for assembly, Service and for field service, handy packaging unit at any place of use e.g. workbench, machines, in the vehicle



Wipes

VTT® Super-Soft, 80 % cellulose (viscose), reinforced with polyester (20 %), white

binder- and silicone-free

Item No.	Material	Format	Type	Packaging unit
WT11	80 % viscose, 20 % polyester	36 x 38 cm	wipe	600 pcs. / box underpacked 20 x 30 pcs.
WR11	80 % viscose, 20 % polyester	30 x 38 cm, 190 m	roll	500 tear-offs

Very resistant and absorbent, super soft structure for cleaning all materials, low lint, solvent resistant, ideal for polishing the most sensitive surfaces



VTT® Hydro Plus, 100 % rayon hydroentangled without binders, silicone and chemicals, approx. 75 gr/m²

Properties: very robust, highly absorbent, above-average absorption speed, multiple use, high resistance, wet strength

Item No.	Material	Format	Type	Packaging unit
PT15	100 % rayon	50 x 38 cm	wipe	700 pcs. / box

Range of application: Suitable for sensitive areas, e.g. food production, paint shops and printers, car repair shops, plastics and furniture industry, precision mechanics, building cleaning. Also as a substitute for cleaning rags.



VTT® Imprex, 100 % environmentally friendly PP fleece, blue, approx. 80 gr/m².

Properties: ribbed surface structure for high ink absorption, very high resistance, wringable and reusable, extremely solvent-resistant, low linting, suitable even for sensitive areas such as printing rollers and screens in screen printing.

Item No.	Material	Format	Type	Packaging unit
BT10	100 % environmentally friendly PP fleece	42 x 40 cm	wipe	420 pcs. / box
BR11	100 % environmentally friendly PP fleece	30 x 38 cm	roll	500 tear-offs

Range of application: For clean solvent and wet cleaning, e.g. printing plants, precision mechanics, engine construction, pharmaceutical production, food industry



VTT® Food Towel

ideal for wet cleaning, highly absorbent, washable up to 95°C (without fabric softener), high dirt absorption due to honeycomb structure. Can be safely brought into contact with food.

Item No.	Material	Format	Type	Packaging unit
BT60	67 % viscose, 29 % polyester, 4 % binder green, red, yellow, blue or white	50 x 38 cm	wipe	box of 150 wipes

Range of application: Large kitchens, canteens, hospital and care sector, food, pharmaceutical industry, laboratories, chemistry.



Wipes

VTT® Blue 2 / Blue 3,
2 resp. 3 blue absorbent tissue layers à 20 gr/m²,
approx. 80 % recycled content

Properties: good tear resistance, wipe-resistant, fast dirt pick-up, increased absorbency due to full-surface embossing, low linting

Item No.	Material	Format	Type	Packaging unit
DR30	tissue 3-ply, blue 3XL	38 x 36 cm	wide roll	1000 tear-offs
DR31	tissue 3-ply, blue 3L	22 x 36 cm	narrow roll	1000 tear-offs
HR20	tissue 2-ply, blue 2XXL	38 x 36 cm	wide roll	1000 tear-offs
HR21	tissue 2-ply, blue 2L	22 x 36 cm	narrow roll	1000 tear-offs

Range of application: automotive workshop, maintenance, metal processing, industry



VTT® Soft Tissue 2 ply of approx. 19 gr/m²

Properties: good tear resistance (even when wet), dry wiping without residue, low linting

Item No.	Material	Format	Type	Packaging unit
WR23	recycled pulp, oxygen bleached	29 x 38 cm	roll	1000 wipes/roll
WR24	recycled pulp, oxygen bleached	22 x 38 cm	roll	162 m, with spiral sleeve layer-glued
WR25	recycled pulp, oxygen bleached	26.5 x 36 cm	roll	1000 wipes/roll

Range of application: Printing plants, graphic industry, food industry, precision mechanics, optics and electronics, manufacturing and processing plants in the chemical industry, vehicle construction and processing



VTT® Top Plus, 100 % cellulose fleece, white,
oxygen bleached, silicone-free, approx.70 gr/m²

Properties: Extremely absorbent, robust, can be used several times, abrasion-resistant when dry and wet, textile-like, can be sterilised, low-fluff, soft

Item No.	Material	Format	Type	Packaging unit
SR10	100 % cellulose fleece	38 x 38 cm	roll	500 tear-offs
ST10	100 % cellulose fleece	38 x 40 cm	wipe	500 wipes
SR11	100 % cellulose fleece	30 x 38 cm	roll	700 tear-offs
ST11	100 % cellulose fleece	30 x 38 cm	wipe	700 wipes
WT10 „BIG PLUS“	100 % cellulose fleece	ca. 40 x 58 cm	wipe	pack of 10 kg

Range of application: Food production, medical and cosmetic sectors, pharmaceutical production, optics, electronics, automotive sector, engine construction, metal cutting industry, plastics processing, hospital and care sector



Wipes

VTT® SOFTEX, The special wipe consists of cellulose fleece 85 gr/m2, food-safe.

Properties: solvent-resistant*, lint-free (also in combination with solvents*), soft and wet tear-resistant, i.e. suitable for surface-sensitive parts, extraordinarily absorbent (absorbs at least 5 times its own weight in liquid) and reusable

Item No.	Material	Format	Type	Packaging unit
ST15	cellulose fleece 85 gr/m2	38 x 38 cm, ¼ folded	wipe	1008 wipes / box
SR15	cellulose fleece 85 gr/m2	30,5 x 34 cm	roll	750 tear-offs

Range of application: Graphic industry, printing plants, automotive industry, vehicle and industrial paint shops, electronic industry, hospital and nursing home sector, pharmaceutical production, food industry, etc.



VTT® Profix Multi, Airlaid fluff fleece, 1-ply, white

Properties: Reusable, wet and dry abrasion resistant, lint free, soft and supple

Item No.	Material	Format	Type	Packaging unit
MT10	airlaid fluff fleece	40 x 36 cm	wipe	600 wipes / box
MR10	airlaid fluff fleece	38 x 40 cm	roll	750 tear-offs
MT11	airlaid fluff fleece	30 x 33 cm	wipe	600 wipes / box
MR11	airlaid fluff fleece	27 x 38 cm	roll	750 tear-offs

Range of application: Laboratory, electronics, optics, precision mechanics, workshops, maintenance and assembly companies, chemical industry



VTT® polishing tricot

Soft, absorbent, wet-strength, textile fabric

Item No.	Material	Format	Type	Packaging unit
BB12	tricot, mixed extra light quality	(free format)	bales pressed	packages of approx. 10 kg
BB13	tricot, mixed extra light quality	(free format)	bales pressed	packages of approx. 5 kg
BB10	tricot, white quality	(free format)	bales pressed	packages of approx. 10 kg

Range of application: Precision mechanics, maintenance and assembly companies, car industry, businesses of all kinds



VTT® Prima, Microfibre wipe

50 % polyamide + 50 % polyester - made by water jet technology (by means of extremely fine nozzles and enormous water pressure) solidified, this results in a splitting of the coarse fibres into 'micro-fibres'.

Item No.	Material	Format	Type	Packaging unit
MT15	50 % polyamide + 50 % polyester	30 x 38 cm	wipe	bag of 10 pieces
MT16	50 % polyamide + 50 % polyester	38 x 38 cm	wipe	bag of 10 pieces

Penetrates the finest pores of smooth and porous surfaces and absorbs even the smallest particles of dirt and grease. When dry, microfibrils become statically charged, thus attracting and retaining dirt. Moisture is absorbed quickly and without streaks. When wet, the cloth removes even stubborn dirt, without additional cleaning agents and chemicals, washable up to 95°C (without fabric softener), sterilisable, low-linting.



Head protection caps, with elastic band, ultrasonically welded

Properties: pleasant wearing comfort, good fit, super light breathable, hygienic, particle and lint free

Item No.	Execution	Format	Type	Packaging unit
AX51	clip cap, PP fleece	PE bag with 100 pieces each	XXL	boxes with 8 PE-bags
AL51	clip cap, PP fleece	PE bag with 100 pieces each	L	boxes with 10 PE-bags
AS51	clip cap, PP fleece	PE bag with 100 pieces each	S	boxes with 10 PE-bags
AL54	micromesh cap	boxes with 200 pieces each	L	box of 1200 pcs. (6 boxes of 200 pcs.)
AL55	cap with shield, PP fleece	PE bag with 100 pieces each	U	boxes with 10 PE-bags
AL50	Barret cap, viscose	PE bag with 100 pieces each	L	boxes with 10 PE-bags

Range of application: Cleanroom production, GMP production, pharmaceutical and chemical industry, food and luxury food industry, electronics, precision mechanics



VTT® Overshoes

Cat. 1 (CEE/686), hygienic, low-particle and low-linting

Item No.	Execution	Format	Packaging unit
OS10	PE blue, elastic band on shackles	one size	box of 2000 pcs.
OS12	polypropylene fleece 40 g / m ² , white, elastic band on shackles	one size	box of 2000 pcs.
OS11	Shoe: polypropylene fleece 35 g / m ² , white, rubber/shackles Sole: polyethylene - EVA 60 μ, blue, anti-slip	one size	box of 800 pcs.

Other models on request



VTT® Disposable mask

EN 14683 Type II / IIR as well as EN149:2001+A1:2009, CE-certified face masks for use in pharmaceutical, hospital, food and sensitive industrial and electronic areas for protection against aerosols and liquids.

FFP2 masks also for use as dust protection in various industrial industries (wood, metal, plastic processing, etc.).

Item No.	Execution	Format	Packaging unit
AK50	green (other colours on request), with ear loops	3-ply	box with 10x50 pcs.
AK60	yellow, with ear loops, anti-fog	3-ply	box with 10x50 pcs.
AK62	white, type FFP2	3-ply	box with 10x50 pcs.

Areas of application: Filtering out viruses, bacteria, protection against infections, in the medical field, food processing, electronics industry, joineries, industrial industry



VTT® PP fleece - coat

Properties: Cat. 1 (CEE/686), breathable, antistatic

Item No.	Execution	Size	Packaging unit
OK00	without pockets, 30g/m ²	XXL	Box of 50 pcs.
OK01	without pockets, 30g/m ²	XL	Box of 50 pcs.
OK02	without pockets, 30g/m ²	L	Box of 50 pcs.
OK03	without pockets, 30g/m ²	M	Box of 50 pcs.
OK10	with pockets, 30g/m ²	XXL	Box of 50 pcs.
OK11	with pockets, 30g/m ²	XL	Box of 50 pcs.
OK12	with pockets, 30g/m ²	L	Box of 50 pcs.
OK13	with pockets, 30g/m ²	M	Box of 50 pcs.
OK20	with Velcro closure	one size	Box of 50 pcs.
OK51	with pockets, 50g/m ²	XL	Box of 25 pcs.
OK52	with pockets, 50g/m ²	XXL	Box of 25 pcs.

Material: Polypropylene, 40/50/70 g/m², various colours, with or without hood, waist, arm and leg elastic, adhesive bag, two-way zip with protective cover on request

Range of application: GMP manufacturing, pharmaceutical and chemical industry, food and luxury food industry, electronics, precision mechanics



Disposable protective overall, TYVEK and PP fleece

Item No	Execution	Model	Category	Size	Packaging unit
OV10	TYVEK 600 plus, white, boots / hood	CHA6	cat3 Cde. 4B/5/6	M	box of 20 pcs.
OV11	TYVEK 600 plus, white, boots / hood	CHA6	cat3 Cde. 4B/5/6	L	box of 20 pcs.
OV12	TYVEK 600 plus, white, boots / hood	CHA6	cat3 Cde. 4B/5/6	XL	box of 20 pcs.
OV13	TYVEK 600 plus, white, boots / hood	CHA6	cat3 Cde. 4B/5/6	XXL	box of 20 pcs.
OV15	TYVEK 600 plus, welded, hood	CHA5	cat3 Cde. 4B/5/6	M	box of 25 pcs.
OV16	TYVEK 600 plus, welded, hood	CHA5	cat3 Cde. 4B/5/6	L	box of 25 pcs.
OV17	TYVEK 600 plus, welded, hood	CHA5	cat3 Cde. 4B/5/6	XL	box of 25 pcs.
OV18	TYVEK 600 plus, welded, hood	CHA5	cat3 Cde. 4B/5/6	XXL	box of 25 pcs.
OV20	TYVEK 500 Industry, white, sewn	CCF5	cat. 3, Typ 5/6	M	box of 25 pcs.
OV21	TYVEK 500 Industry, white, sewn	CCF5	cat. 3, Typ 5/6	L	box of 25 pcs.
OV22	TYVEK 500 Industry, white, sewn	CCF5	cat. 3, Typ 5/6	XL	box of 25 pcs.
OV23	TYVEK 500 Industry, white, sewn	CCF5	cat. 3, Typ 5/6	XXL	box of 25 pcs.
OV33	TYVEK 500 Xpert, white, sewn, hood	CHF5	cat. 3, Typ 5/6	XXL	box of 100 pcs.
OV50	Polygard overall PP, hood	CHF5	50g/m ²	XXL	box of 25 pcs.
OV51	PPSoft overall, with stand-up collar	CHF5	cat. 1, 40g/m ²	XL	box of 25 pcs.
OV55	TYVEK sleeve protector 7020, white	-	with elastic	universal	box of 100 paires
OV60	Overall Protect, white, hood	-	cat. 3, Typ 5/6	L/XL/XXL	box of 50 pcs.

Range of application: Pharmaceutical industry, microelectronics, spray painting, automotive, NPP, protection of employees from hazardous substances or of sensitive products and work processes against contamination by humans. Depending on the toxicity of the chemical and the exposure conditions, the coveralls are used to protect against fine particles and splashes of liquids as well as during spraying operations with liquid substances.



MONI LOG® Endal curve

Measure and store mechanical shocks, temperature, humidity, inclination, pressure and other measured variables. Programming and evaluation of the data via PC

Item No.	Description	Packaging unit
EX00	electronic transport monitoring device	pce.



MONI LOG® Shock Display curve 2

Measure and store the 99 largest mechanical impacts with impact history, date, time, direction and impact duration. Fast on-site evaluation possible without a computer

Item No.	Description	Packaging unit
EX01	electronic transport monitoring device	pce.



MONI LOG® MicroShockDetector

Small, lightweight shock data logger, Registers the 200 largest shock events in X,Y,Z direction, stores up to 10 curves of the largest shocks

Item No.	Description	Packaging unit
EX03	mini data logger	pce.



MONI LOG® EnDal smart

The MoniLog EnDal smart is a small universal data logger. It monitors sensitive goods over the long term during transport and storage, even in critical environments. The sensor technology measures shock events, temperature, relative humidity, air pressure, inclination and GPS coordinates.

Item No.	Description	Packaging unit
EX04	electronic transport monitoring device	pce.



BOSCH TDL 110

Bluetooth-based 3-axis shock recorder. Vibration 1-8g, temperature, humidity and tilt. Transport for shipping sensitive products

Item No.	Description	Packaging unit
TDL110	mini data logger	pce.



IMPACT-O-GRAPH® DIGI-Shock G / GT

The DIGI-Shock G/GT are reusable, durable temperature and/or shock recorders that record and monitor both temperature and shock events on the X, Y and Z axes. They are suitable for the transport and storage of goods, equipment and installations.

Item No.	Description	Packaging unit
DIGI-SHOCK G	shock recorder	pce.
DIGI-SHOCK GT	temperature and shock recorder	pce.



IMPACT-O-GRAPH® DIGI-Shock XT

The DIGI-Shock XT is a reusable, permanent temperature and shock recorder that records and monitors both temperature and shock events on the X, Y and Z axes. It is suitable for the transport and storage of goods, equipment and installations.

Item No.	Description	Packaging unit
DIGI-SHOCK XT	temperature and shock recorder	pce.



IMPACT-O-GRAPH® Schock recorder

Records mechanical impacts from all directions on paper. Can be attached to the packaging or the packaged goods, no matter in which position.

Item No.	Description	Packaging unit
IX50	transport monitoring device	Stk.



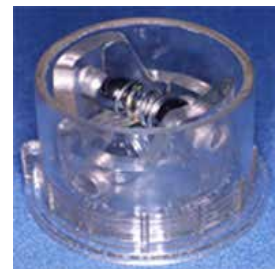
Transport indicators

VTT® OMNI-G, Reusable shock indicator

Attaches to the item being shipped or tested and, when triggered, indicates a shock above the selected g-value in X-Y or Z-axis. Can be reactivated by means of tweezers.

Item No.	Unit in gravity	Dimensions	Packaging unit
OMNIG	2 - 300 g	height: 3.8 cm, Ø 5,3 cm	pce.

Field of application: Goods handling and transport monitoring:
Parcel services, postal, air, sea transport, freight forwarders, transporters, internal goods handling



VTT® Protekt-A-Pak, One-way shock indicator

Is attached to the goods to be shipped or to the outer packaging by means of a plastic flange. The balls are triggered by forces exceeding the selected g-value in the X-Y or Z-axis.

Item No.	Unit in gravity	Dimensions	Packaging unit
PAP5G	5 g	height: 2,2 cm, Ø 3,4 cm	pce., incl. label
PAP10G	10 g	height: 2,2 cm, Ø 3,4 cm	pce., incl. label
PAP15G	15 g	height: 2,2 cm, Ø 3,4 cm	pce., incl. label
PAP20G	20 g	height: 2,2 cm, Ø 3,4 cm	pce., incl. label
PAP25G	25 g	height: 2,2 cm, Ø 3,4 cm	pce., incl. label
PAP30G	30 g	height: 2,2 cm, Ø 3,4 cm	pce., incl. label
PAP40G	40 g	height: 2,2 cm, Ø 3,4 cm	pce., incl. label

Available up to 300 g !

Field of application: Goods handling and transport monitoring:
Parcel services, postal, air, sea transport, freight forwarders, transporters, internal goods handling



VTT® TRANS-MONITOR, One-way shock indicator

Self-adhesive disposable shock indicator that can be attached to all flat surfaces

Item No.	Description	Type	Packaging unit
TMTDxxG	TRANS MONITOR with digital timer	shock indicator	pce.
TMxxG	TRANS MONITOR without timer	shock indicator	pce.

available g-values with digital timer: 20g - 100g in 10g steps and 15g, 25g and 300g

available g-values without timer: 10g - 100g in 10g-steps and 5g, 15g, 25g and 300g



VTT® DROP-N-TELL, impact indicator

The DROP-N-TELL impact indicator was developed for the detection of transport damage caused by impact and shock. The DROP-N-TELL is available in different sensitivities (g-values). The selection of the g-value depends on the size and weight of the package.

Item No.	Unit in gravity	Type	Packaging unit
IL50	5 - 100 g	impact indicator	box of 100 pcs.

Range: standard values are 5g, 10g, 15g, 25g, 50g and 100g.
Display: Blue discolouration of the arrows indicates impact in the direction of the arrow.



VTT® SHOCK-WATCH Label

is attached to the outside of the packaging and if the colour of the indicator changes, it indicates a clear disregard of the shipping instructions and possible transport damage

Item No.	Unit in gravity	Type	Packaging unit
SW25G	25 g	label, yellow	box of 50 pcs. incl. label
SW37G	37 g	label, lilas	box of 50 pcs. incl. label
SW50G	50 g	label, red	box of 50 pcs. incl. label
SW75G	75 g	label, orange	box of 50 pcs. incl. label
SW100G	100 g	label, green	box of 50 pcs. incl. label

The heart of the SHOCKWATCH label is an indicator glass tube that is partially filled with a red liquid. Exceeding a defined acceleration breaks the surface tension of the liquid and turns the entire indicator red.



VTT® SHOCK-WATCH 2

The Shockwatch 2, a mechanical shock indicator for versatile use and weights up to 14 tonnes. The Shockwatch 2 are self-adhesive and are activated by peeling off the back (protective film).

Item No.	Unit in gravity	Typs	Packaging unit
SW2-5G	5 g	pink	box of 100 pcs. incl. label
SW2-10G	10 g	light blue	box of 100 pcs. incl. label
SW2-15G	15 g	blue	box of 100 pcs. incl. label
SW2-25G	25 g	yellow	box of 100 pcs. incl. label
SW2-37G	37 g	lilas	box of 100 pcs. incl. label
SW2-50G	50 g	red	box of 100 pcs. incl. label
SW2-75G	75 g	orange	box of 100 pcs. incl. label

When attaching the ShockWatch 2, these are triggered by vertical (perpendicular) impacts. The window facing the direction of the impact turns red.
Lower window red = impact from below
Upper window red = impact from above



VTT® Mounting flange, (optional), for Protekt-A-Pak

for mounting the TIP indicator on the outside of the transport packaging

Item No.	Description	Type	Packaging unit
FLANGE	mounting flange	accessories	pce.



VTT® TIP-N-TELL, One-way tilt indicator

For products that may only be transported vertically. Is attached to the goods to be shipped or to the packaged goods. At an inclination of more than 90°, the blue granules stick to the upper part of the upside-down arrow.

Item No.	Description	Type	Packaging unit
IL25	TIP-N-TELL	tilt indicator	pce. incl. label



VTT® TOPP CLIP, Security seal

TOPP CLIP security crosses/strapping seals consist of a numbered metal cross, an additional seal and a separate security label. The Topp Clip security crosses can be attached with normal strapping tools and standard sealing pliers for sealing strapping sleeves. Only a hole punch is required for professional fastening.

Item No.	Description	Type	Packaging unit
ID30	TOP CLIP	security cross	pce.



VTT® TILT-WATCH

For products that may only be transported vertically. Is attached to the goods to be shipped or to the packaged goods. At an inclination of more than 90°, the central dot changes colour irretrievably to red.

Item No.	Description	Type	Packaging unit
IL26	TILT-WATCH	tilt indicator	100 pcs.

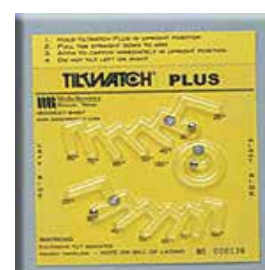
checks in a simple, visible way whether upright handling has been ensured. It consists of polystyrene, a carbon fibre compound and paper. Activation only takes place when it is attached to the packaging. Adhesive and indicator are insensitive to humidity, temperature and other environmental conditions.



VTT® TILT-WATCH PLUS, with inclination scaling

Item No.	Description	Type	Packaging unit
IL27	TILT-WATCH PLUS	tilt indicator	50 pcs.

For products that may only be transported upright. With scale to indicate inclinations in two directions. Attaches to the outer packaging.



VTT® Corotex Biocor VCI anti-rust gas paper

Protection for FE metals, nickel, chrome, aluminium, double-sided action

Item No.	Description	Roll width	Format	Sales unit
VR10	type A105, approx. 50 g/m ² , plain	100 cm	roll of approx. 50 kg	kg
VR11	type A107, approx. 70 g/m ² , plain	50 cm	roll of approx. 25 kg	kg
VR12	type A107, approx. 70 g/m ² , plain	100 cm	roll of approx. 50 kg	kg
VR13	type A109, approx. 82 g/m ² , plain	100 cm	roll of approx. 50 kg	kg
VR14	type A509, approx. 98 g/m ² , creped	100 cm	roll of approx. 30 kg	kg
VR15	type A607, approx. 70 g/m ² , plain also suitable for CU - metals	100 cm	roll of approx. 50 kg	kg

VCI rust protection paper reliably protects even hard-to-reach places such as internal threads, bores, hollow bodies ... up to a distance of 30 cm, immediately over months, depending on the packaging structure even over years.



VTT® Corotex VCI anti-rust gas paper

PE-coated on one side for wetness protection and grease tightness,
Protective effect for FE metals, nickel, chrome, aluminium, one-sided action

Item No.	Description	Roll width	Format	Sales unit
VR20	type A307, approx. 63 g/m ² , plain	100 cm	roll of approx. 50 kg	kg
VR21	type A309, approx. 100 g/m ² , plain	100 cm	roll of approx. 50 kg	kg

VCI rust protection paper is applicable like wrapping paper.



VTT® Corotex VCI-anti-rust gas paper, creped, PE-coated on one side

Stretchable and extremely resilient, PE-coated for wetness protection and greaseproofing,
Protective effect for FE metals, nickel, chrome, aluminium, single-sided action

Item No.	Description	Roll width	Format	Sales unit
VR22	type A817, approx. 165 g/m ²	100 cm	roll of approx. 30 kg	kg

VCI rust protection paper significantly reduces your preservation and packaging effort and saves your customer from having to de-preserve completely.



VTT® Corotex VCI-anti-rust gas paper, plain

Impregnated, therefore moisture and grease repellent
Protective effect Series for FE metals, nickel, chrome, aluminium, effective on both sides

Item No.	Description	Roll width	Format	Sales unit
VR17	type A909, approx. 82 g/m ²	100 cm	roll of approx. 50 kg	kg



VTT® Corotex VCI corrosion protection chip

Protection for FE metals, nickel, chrome, aluminium, double-sided action

Item No.	Description	Format	Sales unit
VR16	CTX VCI-corrosion protection chip	98 x 35 cm	pce.



What are VCI packagings and how do they work ?

VCI (Volatile Corrosion Inhibitor) = gaseous corrosion protection (from the carrier material)



VCI packaging

removes the metal from the formula by means of a protective film

Box wrapping paper / packing paper, waterproof

With PE mesh, extremely tear-resistant, weldable, recyclable

Item No.	Description	Width	Format	Sales unit
PR20	export kraft wrapping paper	100 cm	200 m	roll
PR21	export kraft wrapping paper	125 cm	200 m	roll
PR22	export kraft wrapping paper	150 cm	200 m	roll



The structure of PE-Kraft 140gm2 with fabric reinforcement consists of 100% pure kraft paper laminated against a mesh of polyethylene (15gm2) and a layer of pure low-density polyethylene (35gm2). polyethylene (15gm2) and a layer of pure low-density polyethylene (35gm2) (LDPE). The PE lamination is wrapped to the outside.

BIOCOR®, VCI corrosion protection film, orange transparentt

Protective perimeter for FE/CU - metals
For covering, simply wrapping, bagging and packing machines + equipment. Without oiling or greasing.

Item No.	Description	Width	Format	Sales unit
VR48	half tube 120µ	2000 / 1000 mm	roll off approx. 200 lfm	kg
VR49	half tube 120µ	3000 / 1500 mm	roll off approx. 50 lfm	kg
VR50	half tube 120µ	4000 / 1120 mm	roll off approx. 50 lfm	kg
VR40	half tube 120µ	6000 / 1500 mm	roll off approx. 50 lfm	kg



BIOCOR® VCI-Zipperbags

Item No.	Description	Dimensions	Format	Sales unit
VR67-ZIP	VCI bags with zipper, 80 µ	80 x 120 mm	3000 pcs. / box	box
VR61-ZIP	VCI bags with zipper, 80 µ	100 x 150 mm	2500 pcs. / box	box
VR62-ZIP	VCI bags with zipper, 80 µ	150 x 200 mm	2000 pcs. / box	box
VR63-ZIP	VCI bags with zipper, 80 µ	200 x 300 mm	1500 pcs. / box	box
VR64-ZIP	VCI bags with zipper, 80 µ	300 x 400 mm	1000 pcs. / box	box



CLIMAPAC 2810 Composite aluminium foils, climate and corrosion protection packaging

Our water vapour-proof aluminium laminated films consist of polyester as the outer layer, a non-porous aluminium film as the barrier layer and a strong heat-sealable inner layer made of polyethylene, films according to DIN 55531.

Item No.	Description	Width	Format	Sales unit
AR30	composite aluminium foil	100 cm	100 m	roll
AR31	composite aluminium foil	125 cm	100 m	roll
AR32	composite aluminium foil	150 cm	100 m	roll

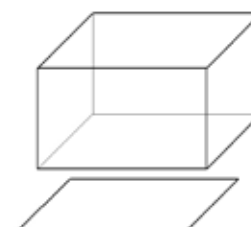
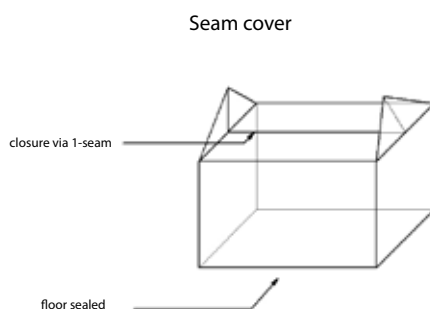
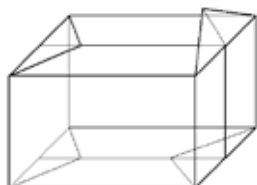
Manufacture of machine packaging from aluminium composite films, PE films and VCI corrosion protection films at short notice to measure manufactured Types: Box covers with/without bottom part, box inserts, container inserts 20'/40', flat bags or special designs.



Cover designs (made to measure for you) **Ask your VTT specialist !**

Assembly possible with the following designs:

- Box insert
- Seam cover
- Covers with separate bottom part or without bottom part



VTT® - CLIMAGEL Desiccant, according to DIN 55473

VTT® desiccants contain a chemically inert, environmentally friendly, odourless granulate (active clay, silica gel) that removes moisture from the surrounding air and binds it adsorptively. SI-O2 silica gel (DIN 55473 B) can also be supplied on request. Type B = dust-free TYVEK bags with desiccant.

Item No.	Description	Form	Sales unit
TB49	desiccant 1/3 unit	bag	box (1040 bags)
TB50	desiccant 1/6 unit	bag	box (1000 bags)
TB51	desiccant 1/2 unit	bag	box (600 bags)
TB52	desiccant 1 unit	bag	box (350 bags)
TB53	desiccant 2 units	bag	box (240 bags)
TB54	desiccant 4 units	bag	box (120 bags)
TB55	desiccant 8 units	bag	box (70 bags)
TB56A	desiccant 16 units (active clay)	bag	box (45 bags)
TB56B	desiccant 16 units	bag	box (35 bags)
TB57	desiccant 32 units	bag	box (18 bags)



Container desiccant

VTT®-CORDSTRAP DRY container desiccant is used to dehumidify the air in the container (20' or 40' container) during transport. Dehumidifying the air inside the container helps to prevent moisture damage to goods.

Item No.	Description	Form	Sales unit
TB70	container desiccant	bags of 1 kg	box (14 bags)

VTT®-CORDSTRAP DRY container desiccant absorbs more than 80 % of its own weight. 1 bag weighs approx. 1 kg and can absorb more than 800 grams of water



Flexible primary and secondary packaging materials

- Flat bags
- Stand-up bags
- Side gusseted bags
- Shaped cut bags



For food and non food

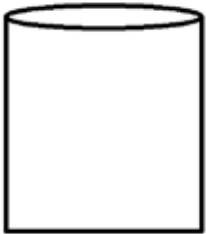
- Pharmaceuticals
- Chemistry / Agro
- Laboratories, industry
- Food
- Animal food
- Technical applications



Foils:

- Aluminium compound foil
- Composite plastic foil
- PE foil

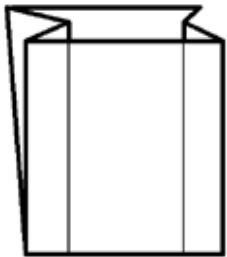
Bag forms:



Flat bags FLB

Variants:

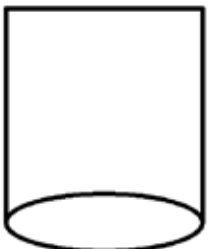
- Bottom seam bag (PE-foils)
- 2-sided welded (PE foils)
- Sealed on 3 sides (aluminium foils)



Side gusseted bags SFB

Options:

- Flexo printing
- Counterprint
- Spout
- Tear notches
- Zipper



- **Stand-up bags**

VERMISOL® - Vermiculite, absorbent and cushioning material for safe hazardous goods packaging

VERMICULITE is an exfoliated (expanded) aluminium-iron-magnesium silicate, which belongs to the group of mica minerals, i.e. a purely natural product. Exfoliated vermiculite is a granulate consisting of fan-like layered particles containing a multitude of tiny air cells. Hence the high insulation value and light weight. IATA approved for air cargo

Item No.	Description	Volume	Quantity / Palet	Sales unit
VB50	Vermisol® G, 3 - 8 mm	100 litres	25	sack
VB51	Vermisol® M, 3 - 6 mm	100 litres	25	sack
VB52	Vermisol® F, 0.7 - 2 mm	100 litres	25	sack

Other qualities on request



Bubble wrap 100 my

Item No.	Description	Width	Lenght / Roll	Sales unit
LR23	2-ply, nubs Ø 10 mm	1000 mm	90 m	roll
LR26	2-ply, nubs Ø 10 mm	1200 mm	100 m	roll
LR27	2-ply, nubs Ø 30 mm	1200 mm	50 m	roll



Stretch film extra strong

Item No.	Description	Width	Lenght / Roll	Sales unit
SR49	stretch film black, 20 µ	500 mm	300 m	roll
SR50	stretch film transparent, 23 µ	500 mm	300 m	roll
SR55	hand mini stretch rolls 23 µ	100 mm	150 m	roll



Stretchboy hand dispenser

Item No.	Description	Width	Execution	Sales unit
SX50	Stretchboy chrome-plated	up to 500 mm	with handbrake	pce.
SX55	hand dispenser for mini stretch rolls	up to 100 mm	plastic	pce.



Plywood boxes

The lightweight and extremely stable plywood folding box suitable for sea freight, air freight, road and rail freight

Standard sizes

Item No.	Dimension outside	Dimension inside	Wall thickness	Weight	Sales unit
NN222	200 x 200 x 200 mm	180 x 188 x 185 mm	4 mm	1 kg	pce.
NN223	200 x 200 x 300 mm	180 x 188 x 285 mm	4 mm	1.3 kg	pce.
NN224	200 x 200 x 400 mm	180 x 188 x 385 mm	4 mm	1.6 kg	pce.
NN322	300 x 200 x 200 mm	280 x 188 x 185 mm	4 mm	1.2 kg	pce.
NN323	300 x 200 x 300 mm	280 x 188 x 285 mm	4 mm	1.6 kg	pce.
NN324	300 x 200 x 400 mm	280 x 188 x 385 mm	4 mm	1.9 kg	pce.
NN432	400 x 300 x 200 mm	378 x 286 x 183 mm	5 mm	2.2 kg	pce.
NN433	400 x 300 x 300 mm	378 x 286 x 283 mm	5 mm	2.8 kg	pce.
NN434	400 x 300 x 400 mm	378 x 286 x 383 mm	5 mm	3.4 kg	pce.
NN435	400 x 300 x 500 mm	378 x 286 x 483 mm	5 mm	4 kg	pce.
NN442	400 x 400 x 200 mm	378 x 386 x 183 mm	5 mm	2.7 kg	pce.
NN443	400 x 400 x 300 mm	378 x 386 x 283 mm	5 mm	3.4 kg	pce.
NN444	400 x 400 x 400 mm	378 x 386 x 383 mm	5 mm	4 kg	pce.
NN445	400 x 400 x 500 mm	378 x 386 x 483 mm	5 mm	4.7 kg	pce.
NN643	600 x 400 x 300 mm	578 x 386 x 283 mm	5 mm	4.4 kg	pce.
NN644	600 x 400 x 400 mm	578 x 386 x 383 mm	5 mm	5.2 kg	pce.
NN645	600 x 400 x 500 mm	578 x 386 x 483 mm	5 mm <td 6 kg	pce.	
NN863	800 x 600 x 300 mm	777 x 584 x 281 mm	6 mm	7.8 kg	pce.
NN864	800 x 600 x 400 mm	777 x 584 x 381 mm	6 mm	9 kg	pce.
NN865	800 x 600 x 500 mm	777 x 584 x 481 mm	6 mm	10 kg	pce.



Plywood boxes

Pallet Container R61 P4 according to ISPM Standard 15,
for sea freight, air freight, road and rail freight

Standard sizes

Item No.	Dimension outside	Dimension inside	Wall thickness	Weight	Sales unit
R61P4080606	800 x 600 x 600 mm	788 x 588 x 443 mm	5 mm	18 kg	pce.
R61P4080608	800 x 600 x 800 mm	788 x 588 x 643 mm	5 mm	19.2 kg	pce.
R61P4120806	1200 x 800 x 600 mm	1188 x 788 x 443 mm	5 mm	29.5 kg	pce.
R61P4120808	1200 x 800 x 800 mm	1188 x 788 x 643 mm	5 mm	32.4 kg	pce.
R61P4120810	1200 x 800 x 1000 mm	1188 x 788 x 843 mm	5 mm	35.3 kg	pce.
R61P4121010	1200 x 1000 x 1000 mm	1188 x 988 x 843 mm	5 mm	40.4 kg	pce.



Pallet Container R64 P4 according to ISPM Standard 15

Standard sizes

Item No.	Dimension outside	Dimension inside	Wall thickness	Weight	Sales unit
120808R64	1200 x 800 x 802 mm	1150 x 750 x 670 mm	6 mm	34 kg	pce.



Dangerous goods boxes

V Pack, with approval for dangerous goods,
for air freight, sea freight, road and rail

Standard sizes

Item No.	Dimension outside	Dimension inside	Weight	Sales unit
UN 4DV100	178 x 172 x 332 mm	160 x 160 x 320 mm	7 kg	pce.
UN 4DV222	200 x 200 x 200 mm	180 x 185 x 185 mm	7 kg	pce.
UN 4DV332	300 x 300 x 200 mm	280 x 288 x 185 mm	15 kg	pce.
UN 4DV444	400 x 400 x 400 mm	380 x 388 x 388 mm	37 kg	pce.
UN DV644	600 x 400 x 400 mm	580 x 388 x 385 mm	50 kg	pce.
UN DV646	600 x 400 x 600 mm	580 x 388 x 565 mm	50 kg	pce.
UN DV866	800 x 600 x 600 mm	780 x 588 x 585 mm	120 kg	pce.



VTT® MARSH

Item No.	Description	Sales unit
MX53	Filling roller VTT-200, light metal incl. protective sleeve	pce.
MD52	Replacement filler roll 3x 2' (8 cm)	pce.
MX54	VTT hand marking roller (8 cm) for ink pad	pce.
MD53	Replacement roll for 3x 3" to hand roller (8 cm)	pce.
MX55	VTT Ink Pad 13 x 25 cm	pce.
SK10	Punch/oil board 61 x 17 cm, 0.4 mm	kg
SK11	Punch/oil board 61 x 18 cm, 0.4 mm	kg
SK12	Punch/oil board 91 x 28 cm, 0.4 mm	kg
MX51	MARSH punching machine 1" (25 mm), other font sizes on request	pce.
TF55	Marking colour ELRIED ES 1 - black, other colours on request	litre
TG50	Marking spray black 400 ml, other colours on request	pce./ can
TG51	Over spray paint brown 400 ml	pce./ can
TL50	Cleaning solvent	kg



Stencils made of plastic, zinc sheet and brass

Logos:
Glass, umbrella, arrows etc.



Boxes and crates

We also manufacture transport boxes, crates or transport bases according to your wishes and requirements.

Ask us! Tel. 061 / 717 98 98





On site or in house

- Testing of lifting equipment according to BGR 500, chap.2.8/SUVA
- Rejection according to discard criteria EN1492-1/2
- Preparation of the required test documents according to BGR 500, chap. 2.8/SUVA
- Marking by plaque or via certificate and production charge number
- Quotation for lifting equipment to be replaced, on request

Packaging service

Container stowage/container loading

We load your goods at your plant or at our site and secure the cargo according to CTU Code for safe container transport worldwide.

Export packaging / packing service

We package your goods professionally, reliably and at your plant or at our site in Muttenz.

This work may include, for example:

- Your goods in: Corrosion protection packaging (VCI/Alu/TM) export crates, transport crates, transport bases, combi packaging (wood / cardboard / PE foam)
- Help in your packing department in case of bottlenecks



Training courses



Training and further education seminars

We offer seminars on load securing, container stowage, textile slings and the basics of slinging technology. Our instructors will train you and your employees at your premises or in our training room. Each participant receives a certificate of attendance and extensive documentation on request.

Our core services:



Lifting equipment



Load securing



Flexible packaging



**Industrial packaging
Corrosion protection / VCI**



Transport monitoring



**Industrial safety /
Industrial hygiene**

VTT AG is a leading company for lifting and lashing equipment with its own European production. We offer a full range of export packaging, strapping technology, load securing, transport monitoring as well as products for company hygiene and disposable work protection. You get high-quality brand products from us.

DUPLIX[®] - PROFIX[®]

WWW.VTT-GROUP.COM

Please also visit our webshop at
<https://shop.vtt-group.com>



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