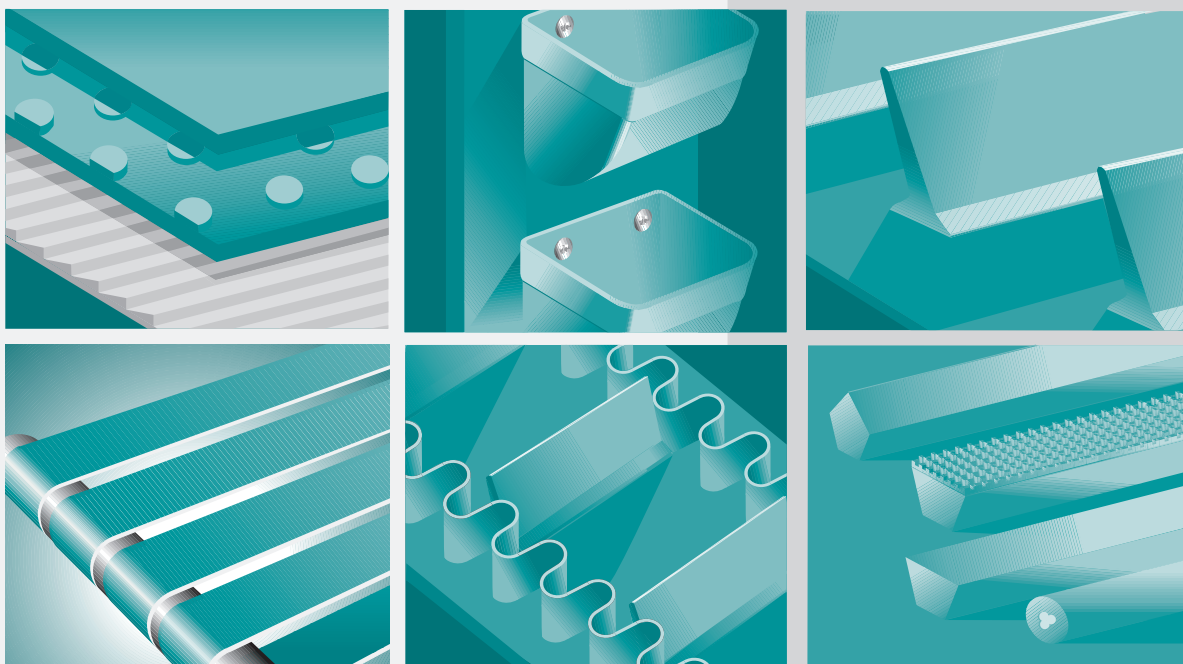


Conveyor belts

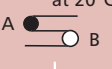


Technical characteristics

2008

Belt type	Top cover					Bottom cover					Special characteristics			
	Material	Colour	Thickness mm	Surface	Hardness °ShA	Material	Colour	Thickness mm	Surface	Hardness °ShA				
Aster	A10 GF	PVC	White	4,00	Pattern G	60		Natural		Textured		FDA		
	A12 GF	PVC	Green 00	4,00	Pattern G	55		Natural		Textured				
	A12 G2F <small>NEW</small>	PVC	Green 00	3,70	Pattern G2	55		Natural		Textured				
	A12 G2K <small>NEW</small>	PVC	Green 00	2,60	Pattern G2	65	PVC	Green 00	0,70	Pattern K	90			
	A13 QF	PVC	Green 00	1,70	Pattern Q	45		Natural		Textured				
	A15 GF	PVC	Black 02	4,00	Pattern G	55		Natural		Textured S		W		
	A15 G2F <small>NEW</small>	PVC	Black 02	3,70	Pattern G2	55	C. Resin	Black 00	0,10	Impregn.S		W		
	A15 QF	PVC	Black 02	1,70	Pattern Q	55	C. Resin	Black 00	0,10	Impregn.S		W		
	A15 W1F	PVC	Black 02	6,00	Pattern W1	65		Natural		Textured S		W		
	A20 AF	PVC	Green 00	1,20	Pattern A	75		Natural		Textured				
	A20 GF	PVC	Green 00	4,00	Pattern G	55		Natural		Textured				
	A20 G2F <small>NEW</small>	PVC	Green 00	3,70	Pattern G2	55		Natural		Textured S				
	A21 BF	PVC	White	3,50	Pattern B	70	PU	Natural	0,10	Impregn.		FDA	⊖	
	A21 HF	PVC	White	3,00	Pattern H	70	PU	Natural	0,10	Impregn.		FDA	⊖	
	A21 LF	PVC	White	3,50	Pattern L	70	PU	Natural	0,10	Impregn.		FDA	⊖	
	A21 ZK	PVC	White	2,00	Pattern Z	70	PVC	White	0,70	Pattern K	90	FDA	⊖	
	A24 QF	PVC	Red 01	4,50	Pattern Q	45		Natural		Textured				
	A26 XC	PVC	White	11,50	Pattern X	70	PVC	White	1,00	Smooth	70	FDA	⊖	
A33 QF	PVC	Green 00	3,40	Pattern Q	45		Natural		Textured					
A36 X1C <small>NEW</small>	PVC	White	16,00	Pattern X1	70	PVC	White	1,00	Smooth	78	FDA	⊖		
Breda	B08UFMT	PU	Green 11	0,20	Mat	93	PU	Natural	0,10	Impregn.		FDA	● ▼ ▽ □	
	B12 UF*	PU	Green 09	0,30	Smooth	93	PU	Natural	0,10	Impregn.		FDA	● ▼ ▽ □	
	B20 UF*	PU	Green 09	0,50	Smooth	93		Natural		Textured		FDA	● ▼ ▽ □	
	B07 CF	PVC	Green 00	0,50	Smooth	82		Natural		Textured			▼ □	
	B12 CF	PVC	Green 00	0,50	Smooth	82		Natural		Textured			▼ □	
	B12 CK	PVC	Green 00	0,50	Smooth	82	PVC	Green 00	0,70	Pattern K	90		▼ □	
	B20 CF	PVC	Green 00	1,00	Smooth	82		Natural		Textured			▼ □	
	B20 CK	PVC	Green 00	1,00	Smooth	82	PVC	Green 00	0,70	Pattern K	90		▼ □	
	B20FF**		Black 00		Textured			Natural		Textured S			●	W
	B22 CF	PVC	Green 00	2,00	Smooth	82		Natural		Textured			▼ □ ■	
	B23 CF	PVC	Green 00	3,00	Smooth	45		Natural		Textured				
	B25 CF	PVC	Green 00	1,00	Smooth	82		Natural		Textured			▼ □	
	B30 CF	PVC	Green 00	2,00	Smooth	82		Natural		Textured			▼ □ ■	
B33 CF	PVC	Green 00	3,00	Smooth	45		Natural		Textured					
Clina (PU)	C06 UF	PU	Ocher 01	0,30	Smooth	86	PU	Natural	0,10	Impregn.		FDA	▼ □	
	C06 K1F	PU	Ocher 01	0,32	Pattern K1	86	PU	Natural	0,10	Impregn.		FDA	▼ □	
	C07 UF	PU	White	0,30	Smooth	86	PU	Natural	0,10	Impregn.		FDA	▼ □	
	C07UFMT	PU	White	0,30	Mat	86	PU	Natural	0,10	Impregn.		FDA	▼ □	
	C07UFMS	PU	White	0,30	Mat	88	PU	Natural	0,10	Impregn.		FDA	● ▼ □	
	C07 UU	PU	Green 16	0,10	Impregn.		PU	Green 16	0,10	Impregn.		FDA	● ▼	
	C08 UF	PU	White	0,40	Smooth	86	PU	Natural	0,10	Impregn.		FDA	▼ □	
	C08UFMT	PU	White	0,30	Mat	93		Natural		Textured		FDA	● ▼ □	
	C08 DF	PU	White	0,60	Pattern D	86	PU	Natural	0,10	Impregn.		FDA	▼ □	
	C09 UF	PU	White	0,25	Smooth	93	PU	Natural	0,10	Impregn.		FDA	● ▼ □	
	C09UFMT	PU	White	0,25	Mat	93	PU	Natural	0,10	Impregn.		FDA	● ▼ □	
	C09UFMS	PU	White	0,30	Mat	88		Natural		Textured		FDA	● ▼ □	
	C10 FF		Natural		Cotton-Poly			Natural		Cotton-Poly		FDA	● ▼	
	C10 UF	PU	White	0,30	Smooth	86	PU	Natural	0,10	Impregn.		FDA	▼ □	
C11 FF*	PU	Natural	0,10	Impregn.		PU	Natural	0,10	Impregn.		FDA	●		
C12 UF*	PU	White	0,30	Smooth	86	PU	Natural	0,10	Impregn.		FDA	▼ □		
C20 UF	PU	White	1,00	Smooth	93	PU	Natural	0,10	Impregn.		FDA	● ▼ □ ■		













* PVC between plies. ** Antistatic internal. C. Resin = Conductive Resin

Constant (intermittent) temperature °C	Fabrics		Belt thickness mm	Belt weight kg/m ²	at 20°C		Breaking load N/mm	Working load at 1% elongation N/mm	Working load at 1,5% elongation N/mm	Max. roll width mm	Belt type	
	N° of plies	Weft			A  B							
					∅ mm	∅ mm						
-5 (-15) + 80 (100)	2	Rigid	5,10	4,00	50	80	120	9	13	2-2950	A10 GF	Aster
-5 (-15) + 80 (100)	2	Rigid	5,10	4,00	50	80	120	9	13	2-2950	A12 GF	
-5 (-15) + 80 (100)	2	Rigid	5,50	4,20	50	80	120	8	12	2000	A12 G2F	
-5 (-15) + 80 (100)	2	Rigid	6,30	5,25	80	100	120	8	12	2000	A12 G2K	
-5 (-15) + 80 (100)	2	Rigid	3,20	3,50	50	80	120	9	13	2-3000	A13 QF	
-10 (-15) + 80 (100)	2	Rigid	5,20	4,10	50	80	160	13	18	2-2950	A15 GF	
-10 (-15) + 80 (100)	2	Rigid	5,50	4,20	50	80	150	13	18	2000	A15 G2F	
-10 (-15) + 80 (100)	2	Rigid	3,20	3,50	50	60	150	13	18	2-3000	A15 QF	
-10 (-15) + 80 (100)	2	Rigid	8,75	4,80	80	100	150	13	18	1250	A15 W1F	
-5 (-15) + 80 (100)	2	Rigid	3,00	3,30	60	80	200	14	20	3000	A20 AF	
-5 (-15) + 80 (100)	2	Rigid	5,50	4,20	60	100	200	14	20	2-2950	A20 GF	
-5 (-15) + 80 (100)	2	Rigid	5,80	4,60	60	100	160	16	22	2000	A20 G2F	
-15 (-25) + 80 (100)	2	Rigid	5,50	4,80	120	200	200	14	20	1800	A21 BF	
-15 (-25) + 80 (100)	2	Rigid	5,00	4,80	80	150	200	14	20	2000	A21 HF	
-15 (-25) + 80 (100)	2	Rigid	5,50	4,80	120	200	200	14	20	2000	A21 LF	
-15 (-25) + 80 (100)	2	Flexible	4,50	4,70	80	100	200	18	28	2000	A21 ZK	
-5 (-15) + 80 (100)	2	Rigid	6,40	6,90	50	80	160	14	22	2000	A24 QF	
-15 (-25) + 80 (100)	2	Flexible	14,90	7,30	230	280	550	25	55	600	A26 XC	
-5 (-15) + 80 (100)	3	Rigid	6,40	7,00	150	200	300	20	28	2000	A33 QF	
-15 (-25) + 80 (100)	2	Flexible	19,50	7,30	230	280	550	25	55	800	A36 X1C	
-10 (-15) + 90 (110)	1	Rigid	0,90	0,95	10	20	50	5	7	2000	B08 UFMT	Breda
-10 (-15) + 80 (105)	2	Rigid	1,60	1,80	40	60	120	10	16	2-3000	B12 UF*	
-10 (-15) + 80 (105)	2	Rigid	2,20	2,60	60	80	200	18	25	2-3000	B20 UF*	
-5 (-15) + 80 (100)	1	Rigid	1,00	1,10	10	30	60	5	7	3000	B07 CF	
-5 (-15) + 80 (100)	2	Rigid	2,10	2,50	40	60	120	10	15	3000	B12 CF	
-5 (-15) + 80 (100)	2	Rigid	2,70	2,95	60	60	120	7	12	2000	B12 CK	
-5 (-15) + 80 (100)	2	Rigid	3,00	3,60	60	80	200	15	22	3000	B20 CF	
-5 (-15) + 80 (100)	2	Rigid	3,50	4,00	80	80	140	9	15	2000	B20 CK	
-5 (-15) + 80 (100)	2	Rigid	2,40	2,70	60	60	190	15	20	3000	B20FF**	
-5 (-15) + 80 (100)	2	Rigid	4,00	4,80	80	100	200	17	25	3000	B22 CF	
-5 (-15) + 80 (100)	2	Rigid	4,80	5,80	120	150	200	15	22	3000	B23 CF	
-5 (-15) + 80 (100)	3	Rigid	4,00	4,80	100	120	275	22	30	3000	B25 CF	
-5 (-15) + 80 (100)	3	Rigid	4,90	5,80	120	150	300	22	30	3000	B30 CF	
-5 (-15) + 80 (100)	3	Rigid	6,00	7,00	150	200	300	20	28	3000	B33 CF	
-10 (-15) + 90 (110)	1	Rigid	0,80	0,90	10	30	60	6	8	2-3000	C06 UF	
-10 (-15) + 90 (110)	1	Rigid	0,82	0,90	10	30	60	6	8	2000	C06 K1F	
-10 (-15) + 90 (110)	1	Rigid	0,80	0,90	10	30	60	6	8	2-3000	C07 UF	
-10 (-15) + 90 (110)	1	Rigid	0,80	0,90	10	30	60	6	8	2000	C07UFMT	
-10 (-15) + 80 (100)	1	Rigid	0,80	0,80	5	15	50	5	7	3000	C07UFMS	
-15 (-25) + 90 (110)	1	Rigid	0,50	0,35	8	8	60	5	7	3000	C07 UU	
-10 (-15) + 90 (110)	1	Rigid	1,10	1,25	10	30	50	5	7	2000	C08 UF	
-10 (-15) + 90 (110)	1	Rigid	1,00	1,10	10	30	50	5	7	2000	C08UFMT	
-10 (-15) + 90 (110)	1	Rigid	1,30	1,25	10	30	50	5	7	2000	C08 DF	
-10 (-15) + 90 (110)	2	Rigid	1,25	1,35	15	40	100	9	15	2000	C09 UF	
-10 (-15) + 90 (110)	2	Rigid	1,25	1,35	15	40	100	9	15	2000	C09UFMT	
-10 (-15) + 80 (100)	2	Rigid	1,30	1,40	15	40	80	6	8	3000	C09UFMS	
-15 (-25) + 90 (110)	2	Flexible	1,40	1,25	10	10	110	7	10	2200	C10 FF	
-10 (-15) + 90 (110)	2	Rigid	1,40	1,60	20	50	110	10	18	2000	C10 UF	
-15 (-25) + 80 (100)	2	Rigid	1,30	1,40	30	30	120	9	12	3000	C11 FF*	
-10 (-15) + 80 (105)	2	Rigid	1,60	1,80	40	60	120	10	16	2-3000	C12 UF*	
-10 (-15) + 90 (110)	2	Rigid	2,80	3,20	80	100	200	18	25	2000	C20 UF	



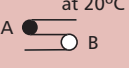
A15 W1F: pitch 108 mm













A36 X1C: also available in 500 and 600 mm.

-  Antistatic
-  Low noise fabric
- FDA** Food quality
-  Low friction coefficient
-  Resistant to mineral oils and fats
-  Resistant to oils and animal and vegetable fats
-  Resistant to vegetable oils and fats, and partially resistant to animal oils and fats
-  Partially resistant to vegetable and animal oils and fats
-  Abrasion resistant
-  Cut resistant
-  ATEX certified
-  Pyrolysis test
-  Flame resistant

Belt type		Top cover					Bottom cover					Special characteristics	
		Material	Colour	Thickness mm	Surface	Hardness °ShA	Material	Colour	Thickness mm	Surface	Hardness °ShA		
Clina (PVC)	C07 CF	PVC	White	0,50	Smooth	70	PU	Natural	0,10	Impregn.		FDA	Ⓢ
	C07 JF	Felt	White		Felt			Natural		Textured			
	C08 JF	Felt	Natural		Felt-wool			Natural		Textured S			
	C11 CF	PVC	White	0,50	Smooth	70	hard PVC	White	0,10	Impregn.		FDA	Ⓢ
	C11 DF	PVC	White	0,70	Pattern D	70	hard PVC	White	0,10	Impregn.		FDA	Ⓢ
	C12 AF	PVC	White	1,00	Pattern A	70	PU	Natural	0,10	Impregn.		FDA	Ⓢ
	C12 CF	PVC	White	0,50	Smooth	70	PU	Natural	0,10	Impregn.		FDA	Ⓢ
	C12 CK	PVC	White	0,50	Smooth	70	PVC	White	0,70	Pattern K	90	FDA	Ⓢ
	C12 FF		Natural		Textured			Natural		Textured		FDA	●
	C13 FF		Natural		Textured			Natural		Textured		FDA	●
	C16 FF		Natural		Cotton-Poly			Natural		Cotton-Poly.		FDA	●
	C20 CF	PVC	White	0,80	Smooth	70	PU	Natural	0,10	Impregn.		FDA	Ⓢ
	C20 CK	PVC	White	1,50	Smooth	70	PVC	White	0,70	Pattern K	90	FDA	Ⓢ
	C21 CF	PVC	White	0,80	Smooth	70	PU	Natural	0,10	Impregn.		FDA	Ⓢ
	C22 CK	PVC	White	0,80	Smooth	70	PVC	White	0,70	Pattern K	90	FDA	Ⓢ
C22 CF	PVC	White	2,00	Smooth	70	PU	Natural	0,10	Impregn.		FDA	Ⓢ	
C30 CF	PVC	White	0,80	Smooth	70	PU	Natural	0,10	Impregn.		FDA	Ⓢ	
C30 CK	PVC	White	1,50	Smooth	70	PVC	White	0,70	Pattern K	90	FDA	Ⓢ	
Drago	D20 CC	PVC	Green 00	1,00	Smooth	78	PVC	Green 00	1,00	Smooth	78		▼ □ Ⓢ
	D30 AR	PVC	Green 00	2,20	Pattern A	78	PVC	Green 00	0,10	Impregn.			▼ □ ■
	D30 CC	PVC	Green 00	2,00	Smooth	78	PVC	Green 00	1,00	Smooth	78		▼ □ ■ Ⓢ
	D30 CR	PVC	Green 00	2,00	Smooth	78	PVC	Green 00	0,10	Impregn.			▼ □ ■
	D40 AR	PVC	Green 00	2,20	Pattern A	78	PVC	Green 00	0,10	Impregn.			▼ □ ■
	D40 CC	PVC	Green 00	2,00	Smooth	78	PVC	Green 00	1,00	Smooth	78		▼ □ ■ Ⓢ
	D81 CC	PVC	Green 00	1,00	Smooth	78	PVC	Green 00	1,00	Smooth	78		▼ □
	D90 C3R	PVC	Green 00	2,45	Pattern C3	75	hard PVC	Green 00	0,10	Impregn.			▼ □ ■
	D99 AR	PVC	Green 00	2,25	Pattern A	82	hard PVC	Green 00	0,10	Impregn.			▼ □ ■
Espot	E20 CC	PVC	White	1,00	Smooth	73	PVC	White	1,00	Smooth	73	FDA	Ⓢ Ⓢ
	E30 CC	PVC	White	2,00	Smooth	73	PVC	White	1,00	Smooth	73	FDA	Ⓢ Ⓢ
	E40 CC	PVC	White	2,00	Smooth	73	PVC	White	1,00	Smooth	73	FDA	Ⓢ Ⓢ
	E81 CC	PVC	White	1,00	Smooth	73	PVC	White	1,00	Smooth	73	FDA	Ⓢ
	E90 CC	PVC	White	2,00	Smooth	73	PVC	White	1,00	Smooth	73	FDA	Ⓢ
Febor	F10 NF	PVC	Black 04	0,50	Mat	76		Natural		Textured S			
	F15 NF	PVC	Black 01	0,50	Mat	82		Natural		Textured S			Ⓢ
	F20 NF	PVC	Black 01	1,00	Mat	82	C. Resin	Black 00	0,10	Impregn. S			Ⓢ
	F21 NF	PVC	Black 01	0,90	Mat	82	C. Resin	Black 00	0,10	Impregn.			Ⓢ
	F22 FF	C. Resin	Black 00	0,10	Impregn.		C. Resin	Black 00	0,10	Impregn. S		●	Ⓢ
	F19 CK	PVC	Blue 05	1,00	Smooth	84	PVC	Blue 05	0,70	Pattern K	90	FDA	
	F21 CC	PVC	White	2,00	Smooth	75	PVC	White	1,00	Smooth	75	FDA	□ Ⓢ Ⓢ
	F31 CC	PVC	White	2,00	Smooth	75	PVC	White	1,00	Smooth	75	FDA	□ Ⓢ Ⓢ
	F32 CC	PVC	White	2,75	Smooth	75	PVC	White	1,50	Smooth	75	FDA	□ Ⓢ Ⓢ
	F41 CC	PVC	White	2,00	Smooth	75	PVC	White	1,00	Smooth	75	FDA	□ Ⓢ Ⓢ
	F11 CF	PVC	White	0,70	Smooth	75	PU	Natural	0,10	Impregn.		FDA	
	F12 CF	PVC	Green 00	0,70	Smooth	78		Natural		Textured			
	F14 CF	PVC	Green 00	1,00	Smooth	78		Natural		Textured			
	F17 CF	PVC	White	1,00	Smooth	75	PU	Natural	0,10	Impregn.		FDA	
	F20 CF	PVC	Green 00	0,80	Smooth	78		Natural		Textured			
F20 CK	PVC	Green 00	0,70	Smooth	78	PVC	Green 00	0,70	Pattern K	90			
F30 CF	PVC	Green 00	0,70	Smooth	78		Natural		Textured				
F30 RR	PVC	Transp.	0,10	Impregn.		PVC	Transp.	0,10	Impregn.		●		
Hipro	H12 GR	HPVC	Green 23	4,00	Pattern G	75	C. Resin	Black 00	0,10	Impregn.		▼ □	
	H12 QR	PVC	Green 23	1,40	Pattern Q	55	C. Resin	Black 00	0,10	Impregn.			
	H12 Y1R	HPVC	Green 23	0,60	Pattern Y1	75	C. Resin	Black 00	0,10	Impregn.		▼ □	
	H13 GR	HPVC	Green 23	5,50	Pattern G	75	C. Resin	Black 00	0,10	Impregn.		▼ □	
	H18 Y1R	HPVC	Green 23	0,80	Pattern Y1	75	C. Resin	Black 00	0,10	Impregn.		▼ □	

C. Resin = Conductive Resin

Constant (intermittent) temperature °C	Fabrics		Belt thickness mm	Belt weight kg/m ²	at 20°C		Breaking load N/mm	Working load at 1% elongation N/mm	Working load at 1,5% elongation N/mm	Max. roll width mm	Belt type	
	N° of plies	Weft			A 							
			Ø mm	Ø mm								
-15 (-25) + 80 (100)	1	Rigid	1,00	1,10	10	30	60	5	7	3000	C07 CF	Clina (PVC)
-5 (-15) + 80 (100)	1	Rigid	2,90	1,90	60	100	85	8	10	1800	C07 JF	
-5 (-15) + 80 (100)	1	Rigid	3,00	2,00	100	100	100	9	14	1400	C08 JF	
-15 (-25) + 80 (100)	2	Rigid	1,80	2,20	40	60	120	10	15	2000	C11 CF	
-15 (-25) + 80 (100)	2	Rigid	2,00	2,20	40	60	120	9	13	2000	C11 DF	
-15 (-25) + 80 (100)	2	Rigid	2,70	3,00	40	60	120	9	13	3000	C12 AF	
-15 (-25) + 80 (100)	2	Rigid	2,10	2,50	40	60	120	10	15	3000	C12 CF	
-15 (-25) + 80 (100)	2	Rigid	2,70	2,95	60	60	120	7	12	2000	C12 CK	
-15 (-25) + 80 (100)	2	Rigid	1,30	1,40	20	20	120	9	12	3000	C12 FF	
-5 (-15) + 80 (100)	2	Rigid	2,00	2,40	40	40	120	9	12	3000	C13 FF	
-5 (-15) + 80 (100)	2	Rigid	2,55	2,40	40	40	160	5	8	2100	C16 FF	
-15 (-25) + 80 (100)	2	Rigid	2,80	3,30	60	80	200	15	22	3000	C20 CF	
-15 (-25) + 80 (100)	2	Rigid	4,10	4,85	80	100	140	9	15	2000	C20 CK	
-15 (-25) + 80 (100)	2	Flexible	2,40	2,90	60	80	200	20	30	2000	C21 CF	
-15 (-25) + 80 (100)	2	Flexible	2,90	3,50	80	80	200	18	28	2000	C21 CK	
-15 (-25) + 80 (100)	2	Rigid	4,00	4,80	80	100	200	17	25	3000	C22 CF	
-15 (-25) + 80 (100)	3	Rigid	3,70	4,40	120	150	300	22	30	3000	C30 CF	
-15 (-25) + 80 (100)	3	Rigid	5,20	6,20	130	150	210	16	25	2000	C30 CK	
-15 (-25) + 80 (100)	2	Flexible	4,10	5,10	150	150	200	20	28	2000	D20 CC	
-15 (-25) + 80 (100)	3	Flexible	5,60	6,50	180	200	300	25	40	2000	D30 AR	
-15 (-25) + 80 (100)	3	Flexible	6,20	7,70	200	250	300	30	40	2000	D30 CC	
-15 (-25) + 80 (100)	3	Flexible	5,40	6,50	180	200	300	25	40	2000	D30 CR	
-15 (-25) + 80 (100)	4	Flexible	7,00	8,00	300	350	400	30	45	2000	D40 AR	
-15 (-25) + 80 (100)	4	Flexible	7,40	9,20	300	350	400	35	50	2000	D40 CC	
-15 (-25) + 80 (100)	3	Flexible	7,80	9,60	400	400	800	65	95	2000	D81 CC	
-5 (-15) + 80 (100)	3	Flexible	7,00	8,00	300	400	800	55	85	3000	D90 C3R	
-5 (-15) + 80 (100)	3	Flexible	6,80	8,00	400	400	800	65	95	2000	D99 AR	
-15 (-25) + 80 (100)	2	Flexible	4,10	5,00	150	150	200	20	28	2000	E20 CC	
-15 (-25) + 80 (100)	3	Flexible	6,20	7,70	200	250	300	30	40	2000	E30 CC	
-15 (-25) + 80 (100)	4	Flexible	7,40	9,20	300	350	400	35	50	2000	E40 CC	
-15 (-25) + 80 (100)	3	Flexible	7,80	9,60	400	400	800	65	95	2000	E81 CC	
-15 (-25) + 80 (100)	3	Flexible	9,00	11,20	400	500	900	75	130	2000 <small>NEW</small>	E90 CC	
-5 (-15) + 80 (100)	2	Rigid	1,90	2,20	40	60	120	10	15	3000	F10 NF	
-10 (-15) + 80 (100)	2	Rigid	2,10	2,60	60	60	160	12	18	3000	F15 NF	
-10 (-15) + 80 (100)	2	Rigid	3,00	3,60	60	80	160	15	20	3000	F20 NF	
-10 (-15) + 80 (100)	2	Flexible	2,70	3,30	60	80	200	20	30	3000	F21 NF	
-10 (-15) + 80 (100)	2	Rigid	2,40	2,85	60	60	160	14	19	3000	F22 FF	
-15 (-25) + 80 (100)	2	Flexible	3,10	3,60	80	80	200	18	28	2000	F19 CK	
-15 (-25) + 80 (100)	2	Flexible	5,00	6,10	150	200	200	20	28	2000	F21 CC	
-15 (-25) + 80 (100)	3	Flexible	6,10	7,60	200	250	300	30	40	2000	F31 CC	
-15 (-25) + 80 (100)	3	Flexible	7,40	9,40	300	350	300	30	40	2000	F32 CC	
-15 (-25) + 80 (100)	4	Flexible	7,40	9,20	300	350	400	35	50	2000	F41 CC	
-5 (-15) + 80 (100)	2	Rigid	2,00	2,40	40	60	120	10	15	3000 <small>NEW</small>	F11 CF	
-5 (-15) + 80 (100)	2	Rigid	2,00	2,40	40	60	120	10	15	3000 <small>NEW</small>	F12 CF	
-5 (-15) + 80 (100)	2	Rigid	2,50	2,90	40	60	120	9	14	3000	F14 CF	
-5 (-15) + 80 (100)	3	Rigid	3,50	4,30	80	100	180	15	22	3000 <small>NEW</small>	F17 CF	
-5 (-15) + 80 (100)	2	Flexible	2,40	2,85	60	80	200	20	30	2000	F20 CF	
-5 (-15) + 80 (100)	2	Flexible	2,90	3,50	80	80	200	18	28	2000	F20 CK	
-5 (-15) + 80 (100)	3	Flexible	3,00	3,60	100	150	300	30	45	2000	F30 CF	
-5 (-10) + 80 (100)	3	Flexible	3,40	3,80	150	150	300	25	40	3000	F30 RR	
-5 (-15) + 80 (100)	2	Rigid	5,10	4,00	50	80	200	14	20	2000	H12 GR	
-5 (-15) + 80 (100)	2	Rigid	2,70	2,80	40	60	120	9	13	2000 <small>NEW</small>	H12QR	
-5 (-15) + 80 (100)	2	Rigid	2,00	2,20	25	50	120	10	15	2000	H12 Y1R	
-5 (-15) + 80 (100)	2	Rigid	6,50	5,40	60	100	200	14	20	2000	H13 GR	
-5 (-15) + 80 (100)	3	Rigid	3,00	3,50	50	80	180	15	22	2000	H18 Y1R	

-  Antistatic
-  Low noise fabric
- FDA** Food quality
-  Low friction coefficient
-  Resistant to mineral oils and fats
-  Resistant to oils and animal and vegetable fats
-  Resistant to vegetable oils and fats, and partially resistant to animal oils and fats
-  Partially resistant to vegetable and animal oils and fats
-  Abrasion resistant
-  Cut resistant
-  ATEX certified
-  Pyrolysis test
-  Flame resistant

Belt type		Top cover					Bottom cover					Special characteristics	
		Material	Colour	Thickness mm	Surface	Hardness °ShA	Material	Colour	Thickness mm	Surface	Hardness °ShA		
Keram	K40 RF**	PVC	Black 03	0,10	Impregn.		Natural		Textured			▼ □ ■	
	K40 UF	PU	Green 09	1,00	Smooth	93	Natural		Textured		FDA ● ▼ □ ■	▼ □ ■	
	K40 AF	PU	Green 09	1,20	Pattern A	93	Natural		Textured		FDA ▼ □ ■	▼ □ ■	
Novak	N09 UF	PU	Blue 06	0,25	Smooth	86	PU	Natural	0,10	Impregn.⊕		FDA ▼ □	▼ □
	N09 CF	PVC	Blue 06	0,50	Smooth	70	PU	Natural	0,10	Impregn.		FDA ⊕	⊕
	N12 GF <small>NEW</small>	PVC ⊕	Blue 06	4,00	Pattern G	65		Natural		Textured		FDA	
	N19 CF	PVC	Blue 06	0,80	Smooth	70	PU	Natural	0,10	Impregn.		FDA ⊕	⊕
	N19 CK	PVC	Blue 06	1,00	Smooth	70	PVC	Blue 06	0,70	Pattern K	90	FDA ⊕	⊕
	N30 CY <small>NEW</small>	PVC	Blue 06	1,00	Smooth	70	PVC	Blue 06	0,50	Pattern Y	70	FDA ⊕	⊕
Poler	P08 EF	Polyester	Natural	0,30	Mat	93		Natural		Textured ⊕		FDA ● ▼ ⊕ □ ⊕	⊕
	P18 EF	Polyester	Natural	0,35	Mat	93		Natural		Textured ⊕		FDA ● ▼ ⊕ □ ⊕	⊕
	P18 TF	Polyester	Natural	2,00	Pattern T	93		Natural		Textured ⊕		FDA ▼ ⊕ □ ⊕	⊕
	P18 T1F <small>NEW</small>	Polyester	Natural	2,10	Pattern T1	93		Natural		Textured ⊕		FDA ▼ ⊕ □ ⊕	⊕
	P20 EF	Polyester	Natural	0,35	Smooth	45 °ShD		Natural		Textured ⊕		FDA ● ▼ ⊕ □ ⊕	⊕
	P30 EF	Polyester	Natural	0,35	Mat	93		Natural		Textured ⊕		FDA ● ▼ ⊕ □ ⊕	⊕
Verna	V12 PF	Polyolef.	Transp.	0,50	Mat	91		Natural		Textured		FDA	⊕
	V18 PF	Polyolef.	Transp.	0,50	Mat	91	Polyolef.	Natural	0,10	Impregn.⊕		FDA	⊕
	V18 PP	Polyolef.	Transp.	0,50	Smooth	91	Polyolef.	Transp.	0,20	Smooth		FDA	⊕
	V18 TF	Polyolef.	Transp.	2,00	Pattern T	91	Polyolef.	Natural	0,10	Impregn.⊕		FDA	⊕
	V18 T1F <small>NEW</small>	Polyolef.	Transp.	2,10	Pattern T1	91	Polyolef.	Natural	0,10	Impregn.⊕		FDA	⊕
	V20 PF	Polyolef.	Transp.	0,50	Mat	91	Polyolef.	Natural	0,10	Impregn.⊕		FDA	⊕
	V30 PF	Polyolef.	Transp.	0,50	Mat	91	Polyolef.	Natural	0,10	Impregn.⊕		FDA	⊕
	V08 SF <small>NEW</small>	Silicone	White	0,30	Smooth	40	PU	Natural	0,10	Impregn.⊕		FDA	
	V12 SX*	Silicone	Transp.	0,30	Smooth	40		Natural		Textured		FDA	

* PVC between plies. ** Antistatic internal.

Skirts

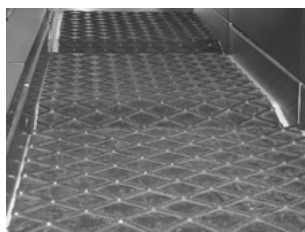
Type	Material	Manufacturing width mm	Thickness mm	Hardness °ShA	Weight Kg/m2	Available colours
V15 PL	Polyolefine	1850	2,10	91	0.10	Transparent
NF 104	PVC	100	4,00	70	0.50*	White, Green 00
UNSS60	PU	62	2,30	85	0.177*	White, Green 00, Blue 06
UNRS85	PU	87	3,30	85	0.365*	White, Green 00, Blue 06

* Weight in Kg/m

Production programme

Aster series

Belts with embossed top covers for inclined or declined conveyors.



Clina series

Belts specially suited for conveying foodstuffs with high resistance to animal and vegetable oils and fats, which also meet the strictest international standards for food contact (FDA-USDA, EEC Directives, etc).



Breda series

Belts with high resistance to mineral oils and fats and suitable for hard conditions (cut, abrasion, etc.).



Drago series

Belts specially suited to hard working conditions. They are highly resistant to abrasion and to mineral oils and gas oil. Drago belts have transverse flexibility for thorough applications and are also suitable for use with elevator buckets.



Constant (intermittent) temperature °C	Fabrics		Belt thickness mm	Belt weight kg/m ²	at 20°C		Breaking load N/mm	Working load at 1% elongation N/mm	Working load at 1,5% elongation N/mm	Max. roll width mm	Belt type	
	N° of plies	Weft			A	B					Ø mm	Ø mm
- 5 (-15) + 80 (100)	2	Rigid	4,00	4,20	80	100	400	22	32	3000	K40 RF**	Keram
-10 (-15) + 80 (105)	2	Rigid	4,00	4,20	140	350	400	22	32	2000	K40 UF	
-10 (-15) + 80 (105)	2	Rigid	4,20	4,20	140	350	400	20	30	2000	K40 AF	
-10 (-15) + 90 (110)	2	Rigid	1,25	1,35	15	40	100	9	15	2000	N09 UF	Novak
-15 (-25) + 80 (100)	2	Rigid	2,10	2,50	40	60	120	10	15	3000	N09 CF	
- 5 (-15) + 80 (100)	2	Rigid	5,10	4,00	60	80	120	9	13	2000	NEW N12 GF	
-15 (-25) + 80 (100)	2	Rigid	2,80	3,30	60	80	200	15	22	3000	N19 CF	
-15 (-25) + 80 (100)	2	Flexible	3,10	3,60	80	80	200	18	28	2000	N19 CK	
-15 (-25) + 80 (100)	3	Rigid	4,30	5,00	150	150	210	16	25	2000	NEW N30 CY	
-20 (-30) + 100 (120)	1	Rigid	1,00	1,10	10	30	60	5	7	2000	P08 EF	Poler
-20 (-30) + 100 (120)	2	Flexible	1,80	2,00	40	100	200	16	22	2000	P18 EF	
-20 (-30) + 100 (120)	2	Flexible	3,90	2,60	120	150	180	12	20	2000	P18 TF	
-20 (-30) + 100 (120)	2	Flexible	4,00	2,60	120	150	180	14	22	2000	NEW P18 T1F	
-15 (-25) + 100 (120)	2	Rigid	1,80	1,95	60	100	200	16	22	2000	P20 EF	
-20 (-30) + 100 (120)	3	Rigid	2,65	2,90	80	120	300	20	30	2000	P30 EF	
-15 (-25) + 35 (55)	2	Rigid	1,80	1,75	60	80	110	10	15	2000	V12 PF	Verna
-15 (-25) + 35 (55)	2	Flexible	2,50	2,40	60	80	200	12	20	2-3000	V18 PF	
-15 (-25) + 35 (55)	2	Flexible	2,70	2,80	80	80	200	14	20	2000	V18 PP	
-15 (-25) + 35 (55)	2	Flexible	4,50	2,90	100	150	200	12	18	2000	V18 TF	
-15 (-25) + 35 (55)	2	Flexible	4,60	2,90	100	150	200	12	18	2000	NEW V18 T1F	
-15 (-25) + 35 (55)	2	Rigid	2,50	2,40	60	80	180	12	18	2-3000	V20 PF	
-15 (-25) + 35 (55)	3	Rigid	3,60	3,40	150	200	300	16	25	2-3000	V30 PF	
-25 (-35) + 150 (170)	1	Rigid	1,00	1,00	8	20	50	5	7	2000	NEW V08F SF	
-15 (-25) + 80 (110)	2	Rigid	1,75	2,00	40	60	120	10	15	2-3000	V12 SX*	

- ⊕ Antistatic
- S Low noise fabric
- FDA Food quality
- Low friction coefficient
- ▼ Resistant to mineral oils and fats
- ▽ Resistant to oils and animal and vegetable fats
- ⊖ Resistant to vegetable oils and fats, and partially resistant to animal oils and fats
- ☑ Partially resistant to vegetable and animal oils and fats
- Abrasion resistant
- Cut resistant
- ⊠ ATEX certified
- ⊕ Pyrolysis test
- ⊕ Flame resistant

Spot series

Belts specially suited for conveying foodstuffs (FDA-USDA) with transverse flexibility for troughing applications and elevator buckets. They are also highly resistant to animal and vegetable oils and fats.



Hipro series

Conveyor and process belts especially designed for use in difficult working conditions. Their excellent abrasion resistance makes them particularly suitable for the paper, cardboard, graphics and sheet metal industries, among others. 100% antistatic.



Febor series

A series that brings together belts with a variety of specifications:

- Flame-retardant, antistatic and low noise belts, specially designed for working in airports and distribution centres.
- FDA, flame-retardant and abrasion-resistant belts designed for the sugar industry.
- Belts suitable for conveying packaged or grain products in conditions with no special difficulties.
- This series includes the F 19CK, blue belt with special carotene-resistant formula for conveying carrots and other vegetables.



Novak series

Blue 06 belts in both PVC and PU, particularly suitable for conveying food products, as they meet food standards.



Poler series

Thermoplastic polyester belts, physiologically neutral (non-toxic), for conveying food, non-synthetic organic products and tobacco (Pyrolysis test). They work extremely well at high temperatures, and are highly resistant to oils and abrasion.



Keram series

Belts with excellent cut resistance and which are essential for use with metal stampings and the general conveyance of sharp objects. Frequently used at the automobile industry.



Verna series

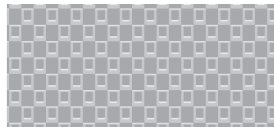
Polyolefine belts specially suited for the conveyance of non-synthetic organic products and in particular the conveyance of tobacco. When burnt, using the pyrolysis test, they do not produce halogens or nitrogen. This series includes 2 belts with silicone cover for conveying very sticky products and resist higher temperature.



Surface Patterns



Type A



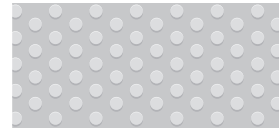
Type B



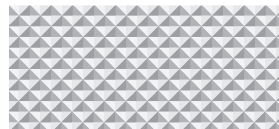
Type C2 (p)



Type C3

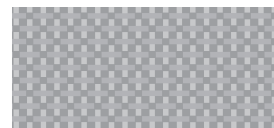


Type D



Type G2

NEW



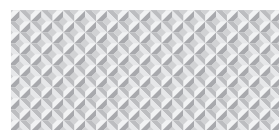
Type H



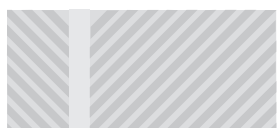
Type K1



Type K



Type L



Type M (p)



Type Q



Type T



Type T1

NEW



Type V (p)



(p) Type W - Pitch: 111,5 mm
Type W 1- Pitch: 108 mm



Type X

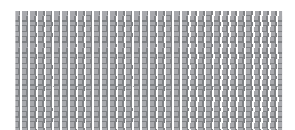


Type X1

NEW



Type X1



Type Z



(p) made to order

Cleats (flights) for conveyor belting

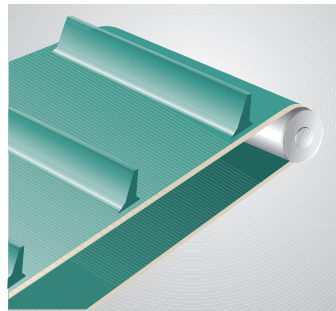
Inclined conveyors occasionally require belts with profiles or cleats (flights) on the carrying surface. These prevent slippage of the conveyed material and increases the belt capacity.

The type and height of the most suitable cleat (flight) is determined according to the characteristics of the conveyed material and the inclination of the conveyor. Optimum conveying capacity can be achieved up to angles of 70° by this means.

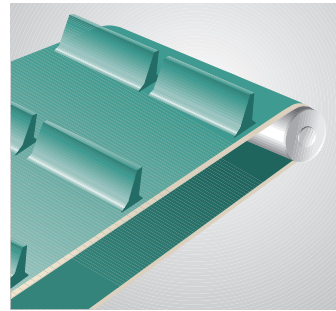
Notched PVC trapezoidal tracking guides can be supplied; this increases belt flexibility and when fitted to the underside of the belt can reduce the minimum pulley diameter by 10%.

esbelt cleats (flights) are oil and fat resistant.

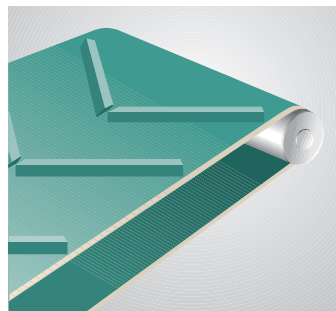
Examples of possible cleat (flight) arrangements are as follows:



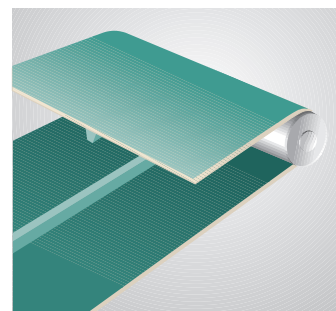
Single transverse cleat



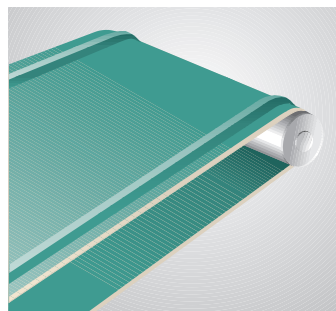
Double transverse cleat



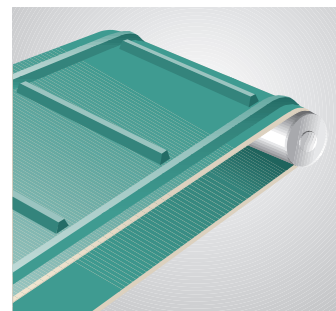
Herringbone ("V" pattern)



Inner tracking guide

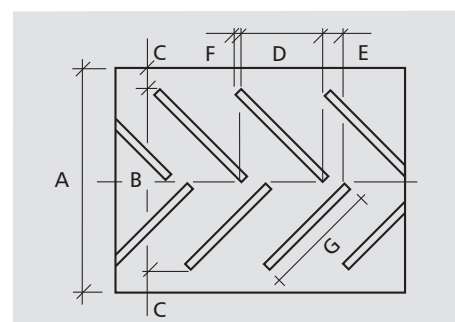


Retaining sidewalls



Single transverse cleat with retaining sidewalls

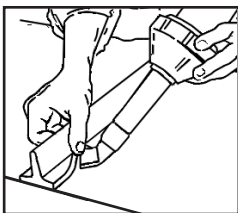
Arrangement of cleats in open "V" pattern (herringbone)



Dimensions mm							
A	400	500	600	650	800	1000	1200
B	300	400	450	480	600	800	900
C	50	50	75	85	100	100	150
D	180	205	210	225	286	348	390
E	20	20	20	20	20	20	20
F	18	18	24	30	50	60	60
G	250	300	325	350	450	550	600

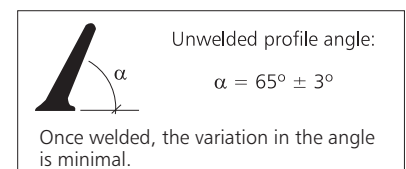
Cleats (flights)

Section	Type	Dimensions			Material (1)	Weight g/m	Transverse		Longitudinal		Possible positioning (3)
		b mm	h mm	a mm			minimum pitch mm	minimum ϕ (2) mm	minimum ϕ mm (2)		
							bottom side	top side			
	NE.008	8	8		PVC	75	28	100	60	110	T - G - L - V
	NE.012	12	12			175	32		80	120	
	PE.008	8	8		PO	56	28	100			
	PE.012	12	12			133	32				
	NE.015	20	15		PVC	330			200	250	G - L
	NA.X04	6	4	4.2	PVC	23			25	30	G - L
	NE.Y05	8	5	4.4	PVC	40	28	50	50	60	T - G - L - V
	NE.Z06	10	6	5.6		60	30	70	70	80	
	NE.A08	13	8	7.2		100	33	90	90	100	
	NE.B11	17	11	9.0		180	37	100	100	120	
	NE.C14	22	14	11.8		300	42	150	150	180	
	NE.K16	30	16	18.4		470	50	250	250	250	
	UE.Z06	10	6	5.6	PU	59	30	80	50	60	T - G - L - V
	UE.A08	13	8	7.2		98	33	90	65	80	
	UE.B11	17	11	9.0		170	37	100	80	100	
	PE.Z06	10	6	5.6	PO	46	30	100			T - V
	PE.A08	13	8	7.2		75	33	110			
	PE.B11	17	11	9.0		130	37	120			
EE.Z06	10	6	5.6	TPE	56	30	80		80	T - G - L - V	
EE.A08	13	8	7.2		95	33	90		100		
EE.B11	17	11	9.0		167	37	100		120		
	DE.Y05	8	4.5	4.0	PVC	30			35		G
	DE.Z06	10	5.5	5.0		45			50		
	DE.A08	13	7.5	7.0		75			70		
	DE.B11	17	10.5	9.0		140			80		
	DE.C14	22	14.0	11.8		255			130		
	DE.K16	30	16.0	18.0		385			175		
	NV.020	25	20		PVC	290		120			T
	NV.030	25	30			370		120			
	NV.040	25	40			450	45	120			
	NV.050	25	50			600		120			
	NV.060	25	60			700		150			
	NL.030	25	30		PVC	430	50	120			T
	NL.040	25	40			550	50	120			
	NL.050	25	50			700	50	120			
	NL.060	25	60			780	50	150			
	NL.070	40	70			1240	130	170			
	NL.080	40	80			1400	130	180			
	UV.020	10	20		PU	140		40			T
	UV.030	10	30			190	30	45			
	UV.050	10	50			330		50			
	PV.020	10	20		PO	95					T
	PV.030	10	30			135	30	100			
	PV.050	10	50			235					
	EV.020	10	20		TPE	130					T
	EV.030	10	30			170	30	80			
	EV.050	10	50			300					
	UL.030	10	30		PU	215	30	45			T
	UL.050	10	50			320		50			
	PL.030	10	30		PO	155	30	100			T
	PL.050	10	50			225					
	EL.030	10	30		TPE	210	30	80			T
	EL.050	10	50			310					
	NM.040	45	40		soft PVC	640		120			T
	NM.060	55	60			1120		150			
	NQ.040	42	40		soft PVC	665		120			T
	NQ.060	60	60			1150		150			
	NQ.070	60	70			1300		170			



(2) The minimum recommended diameters given are for normal working conditions, at 20°C. Lower temperatures require greater diameters.

(3) Profile positioning:
T - Transversal, G - Inner tracking guide, L - Lateral retaining wall, V - V-shaped.



(1)	Material	Colour	Specials characteristics	Hardness	Temperature °C
PVC	PVC	Green 00-White Blue 06	FDA, antistatic, oil resistant	70° ShA	-10 + 80
soft PVC	PVC	Green 00-White Blue 06	FDA, antistatic, partially oil resistant	62° ShA	-15 + 80
PU	Polyurethane	Green 09-White Blue 06	FDA, oil resistant	85° ShA	-10 + 100
PO	Polyolefine	Transparent	FDA, oil resistant	90° ShA	-10 + 50
TPE	Polyester	Natural	FDA, oil resistant	40° ShD	-20 + 105

Recommendations for profile attachment

Profile attachment is best carried out on **2 or more ply belts**.

Minimum covers thickness for profile type are given below.

To obtain good results with a **tracking guide**, the grooves in the pulleys, rollers and slider beds must be larger than the tracking guide which is welded to the belt.

Should you need additional information regarding recommended sizes, please contact our technical department.

Material and type of profile		Minimum cover thickness
PVC	height 20 and 30 mm	0.5 mm
	height 40, 50, 60 mm and types NE.012 and NE.C14	0.8 mm
	height 70, 80 mm and types NE.K16 and NE.015	1 mm
PU TPE	all types	0.3 mm
PO	all types	0.5 mm

Belt support on the return side



1. Belt with cleats (flights) in "V", section supported on a cylindrical roller.



2. Supported on two lateral pulleys.



3. Supported on three pulleys.



4. Belt with internal tracking guide supported by a cylindrical roller and driven by a grooved driving pulley.



5. Belt with sidewalls supported by a cylindrical roller which is narrower than the belt.



6. Belt with sidewalls and transverse cleat supported by a cylindrical roller.

Runers

PVC "Runer" -without base-

Profile welded directly onto belt.

FRRS type

- With internal polyester reinforcement:
Resistant to the drum pressure at the inflections and on the return side.

- Recommended for particularly long and wide conveyors or for conveyors with inflections.

PVC	hF mm height	aF mm width	cF mm pitch	Minimum diameter mm	thickness mm
FRRS35	35	48	55	80	5
FRRS40	40	48	55	100	5
FRRS45	45	48	55	100	5
FRRS50	50	48	55	120	5
FRRS55	55	48	55	120	5
FRRS60	60	48	55	140	5
FRRS65	65	48	55	140	5
FRRS70	70	48	55	160	5
FRRS75	75	48	55	160	5
FRRS80	80	48	55	180	5
FRRS85	85	48	55	180	5
FRRS90	90	48	55	200	5
FRRS95	95	48	55	220	5
FRRS100	100	48	55	220	5

FSSS type

- With internal polyester reinforcement.
- Recommended for straight or lighter conveyors.

PVC	hF mm height	aF mm width	cF mm pitch	Minimum diameter mm	thickness mm
FSSS35	35	30	30	80	3.5
FSSS40	40	30	30	90	3.5
FSSS45	45	30	30	90	3.5
FSSS50	50	30	30	100	3.5
FSSS55	55	30	30	100	3.5
FSSS60	60	30	30	110	3.5
FSSS65	65	30	30	120	3.5

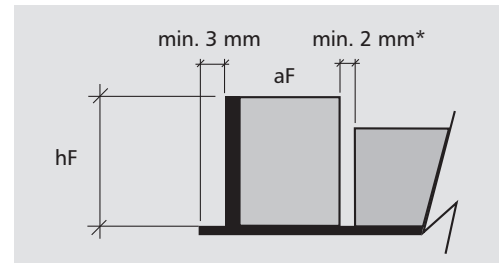
FNSS type

- No internal reinforcement: Developed for use in conveyors with extremely small pulley diameters.

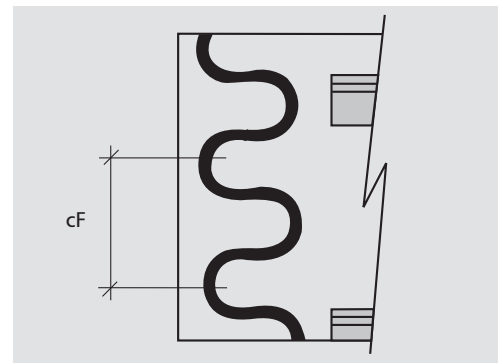
- Recommended for small straight conveyors (no inflections).

PVC	hF mm height	aF mm width	cF mm pitch	Minimum diameter mm	thickness mm
FNSS35	35	35	30	40	4
FNSS45	45	35	30	50	4
FNSS55	55	35	30	60	4

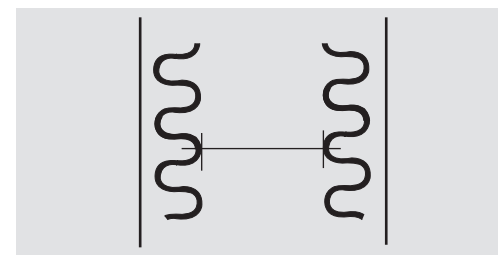
Layout of transverse cleat and "runer" without base.



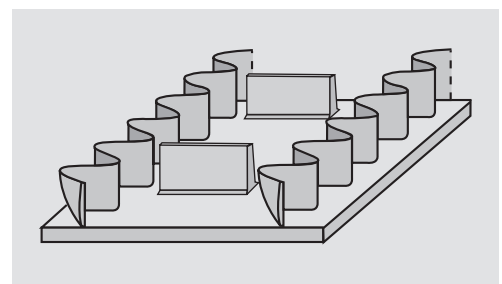
*When a cleat is type NL.070 or NL.080, the minimum distance of 2 mm will be increased to 5 mm.



The distance between the transverse cleats should be a multiple of the - cF - pitch, if it is to coincide with the undulation of the "runer".
The minimum length for endless belts with the runer profile is:
- 2,000 mm with PVC runer
- 2,500 mm with PU runer



The minimum distance between 2 runer should be:
- 100 mm with PVC runers
- 120 mm with PU runers

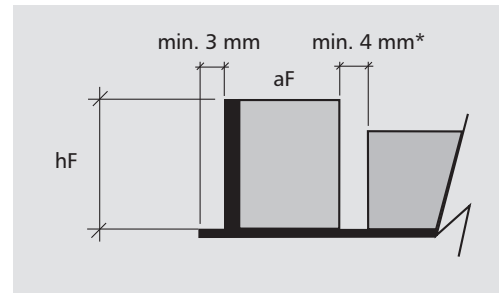


The length of the transverse cleats should be a multiple of 25 mm.

PU "Runer" - without base-

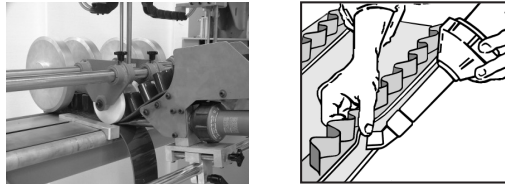
Profile welded directly onto the belt, without internal reinforcement.

PU	hF mm height	aF mm width	cF mm pitch	Minimum diameter mm	thickness mm
UNSS35	35	28	30	50	2.3
UNSS40	40	28	30	60	2.3
UNSS45	45	28	30	65	2.3
UNSS50	50	28	30	75	2.3
UNSS55	55	28	30	80	2.3
UNSS60	60	28	30	90	2.3
UNSS65	65	28	30	95	2.3



*When the cleat and Runer are PU the minimum distance between them will be 4 mm.

"Runer" -with base-



Profile with base for welding by hand with the Leister or using our LSM 1200R machine.

PVC

FSRC type

PVC	hF mm height	aF mm width	cF mm pitch	Minimum diameter mm	thickness mm
FSRC35	35	55	55	80	3.5
FSRC55	55	55	55	120	3.5
FSRC85	85	55	55	180	3.5

Comments: Wave width = 45 mm
Thickness base = 3.5 mm

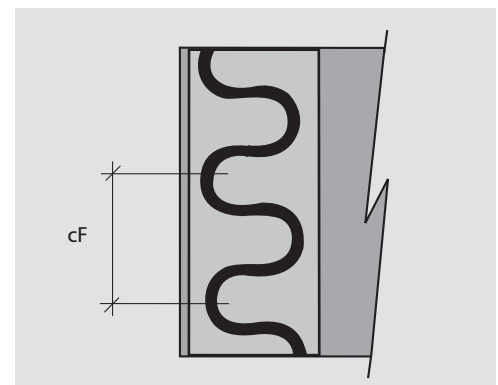
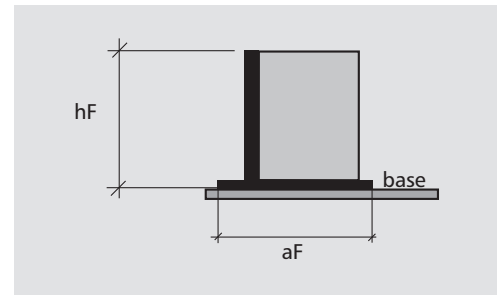
PU

UNSM type

PU	hF mm height	aF mm width	cF mm pitch	Minimum diameter mm	thickness mm
UNSM35	35	44	30	70	2.3
UNSM55	55	48	30	100	2.3

Comments: Wave width = 28 mm
Thickness base = 3.3 mm

Outline of "runer" with base.

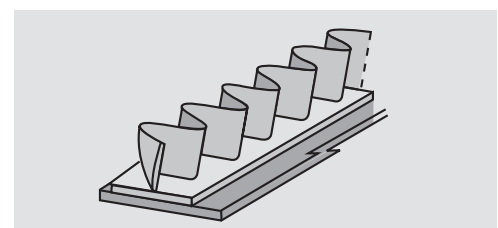


All these profiles are available in two different qualities:

- **White:** Non-toxic, FDA, suitable for using with foodstuffs.

- **Green:** Suitable for all uses that do not require food quality belts, except green PU, which is FDA.

After the name, please put the letter "B" to order white or "V" to order green.



General outline of nomenclature. Explanation of codes:

FSRC55B	1° Type of material	_____	F PVC U PU
FSRC55B	2° Reinforcement	_____	R Fabric with high transversal rigidity S Fabric with standard transversal rigidity N Not reinforced
FSRC55B	3° Pitch	_____	S 30 mm R 55 mm
FSRC55B	4° Base	_____	S Without base C With thin base (PVC=3.5 mm and PU=2.3 mm) M With thick base (PVC=5 mm and PU=3.3 mm)
FSRC55B	5°/6° Runer height (mm)	_____	From 35 mm to 100 mm
FSRC55B	7° Colour	_____	B White V Green

PU Round & Vee belts

Main characteristics

- Easy and fast splicing.
- Resistance to abrasion.
- Resistance to oils and fats.
- Resistance to a wide range of chemical products.
- High tensile strength.
- Vibration absorption.
- Low noise functioning.
- Easy to clean.
- Easy to store due to special packaging.

Friction coefficient: Smooth finish: 0,4 to 0,8 (depending on hardness). - Rough finish: 0,3.

Maximum recommended speed: 15 m/s

Recommended operating temperatures: -20° C to +50° C (permanent) / -40° C to +80° C (momentaneous).


Assembly: Belt connection by thermoplastic fusion. To calculate the final length of the belt, pretension will have to be considered.

Pretension: - Non-reinforced belts: maximum 8% (depending on hardness).


- Aramid reinforced belts: <1%.

Esbelt has all of the necessary handling and assembling machinery to guarantee excellent finished products.


Round belts

Section	Hardness 88° ShA Smooth green 14	Diameter d mm	Roll length m	Weight g/m	Min. pulley diameter mm	
	Rough					
	RS88L03	3	100	9	25	
	RS88L04	4	100	15	40	
	RS88L05	5	100	24	50	
	RS88L06	6	100	34	60	
	RS88L07	7	100	46	60	
	RS88L08	8	100	60	80	
	RS88L10	10	50	94	100	
	RS88L12	12	50	135	120	
	RS88L15	15	50	212	150	
	Rough					
	RS88R03	3	100	9	25	
	RS88R04	4	100	15	40	
	RS88R05	5	100	24	50	
	RS88R06	6	100	34	60	
	RS88R07	7	100	46	60	
	RS88R08	8	100	60	80	
	RS88R10	10	50	94	100	
	RS88R12	12	50	135	120	
	RS88R15	15	50	212	150	


Round belts with Aramid reinforcement

Section	Hardness 92° ShA Smooth yellow 00	Diameter d mm	Roll length m	Weight g/m	Min. pulley diameter mm	
	Hardness 88° ShA Rough green 14					
	RK92L08	8	100	60	85	
	RK92LW6	9,5	50	85	100	
	RK92LW8	12,5	50	145	130	
	RK92L15	15	50	212	155	
	RK92L18	18	50	305	185	
	Hardness 88° ShA Rough green 14					
	RK88R08	8	100	60	80	
	RK88R10	10	50	94	100	
	RK88R12	12	50	135	120	
	RK88R15	15	50	212	150	


Ridge top belts

Section	Hardness 88° ShA Green 14	Dimensions			Roll length m	Weight g/m	Min. pulley diameter mm
		b mm	h mm	c mm			
	PS88LOA	13	8	7	50	150	130
	PS88LOB	17	11	9	50	255	180
	PS88LOC	22	15	10	50	410	230
	Hardness 92° ShA Yellow 00						
	PS92LOB	17	11	9	50	255	265
	PS92LOC	22	15	10	50	410	340

Ridge top belts with Aramid reinforcement

Section	Hardness 88° ShA Green 14	Dimensions			Roll length m	Weight g/m	Min. pulley diameter mm
		b mm	h mm	c mm			
	PK88LOA	13	8	7	50	145	130
	PK88LOB	17	11	9	50	245	180
	PK88LOC	22	15	10	50	390	230


Trapezoidal Vee belts

Section	Hardness 88° ShA Green 14	Dimensions		Roll length m	Weight g/m	Min. pulley diameter mm	
		b mm	h mm				
	TS88L0Z	10	6	50	60	70	
	TS88L0A	13	8	50	98	90	
	TS88L0B	17	11	50	173	115	
	TS88L0C	22	14	50	286	160	
	Hardness 92° ShA Yellow 00						
	TS92L0Z	10	6	50	60	80	
	TS92L0A	13	8	50	98	100	
	TS92L0B	17	11	50	173	130	
	TS92L0C	22	14	50	286	180	


Trapezoidal Vee belts with Aramid reinforcement

Section	Hardness 88° ShA Green 14	Dimensions		Roll length m	Weight g/m	Min. pulley diameter mm
		b mm	h mm			
	TK88L0A	13	8	50	98	90
	TK88L0B	17	11	50	170	115
	TK88L0C	22	14	50	276	160


Trapezoidal Vee belts with PVC rough top cover

Section	Hardness 88° ShA Green 14	Dimensions		Roll length m	Weight g/m	Min. pulley diameter mm
		b mm	h mm			
	TS88G0Z	10	10	50	95	80
	TS88G0A	13	12	50	132	100
	TS88G0B	17	15	50	218	120
	TS88G0C	22	18	50	346	180

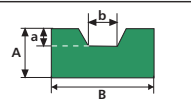
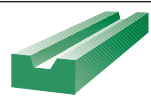
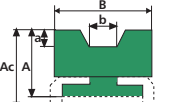
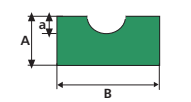
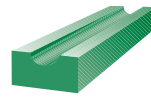
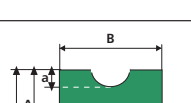
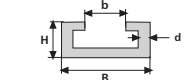
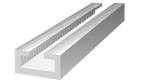
Trapezoidal Vee belts with smooth top cover

Section	Hardness 88° ShA Green 14	Dimensions		Roll length m	Weight g/m	Min. pulley diameter mm
		b mm	h mm			
	TS88C0Z	10	9	50	113	80
	TS88C0A	13	11	50	154	100
	TS88C0B	17	14	50	248	120
	TS88C0C	22	17	50	385	180

Polyester belts FDA quality

Section	Hardness 55° ShD Natural 00	Diameter d mm	Roll length m	Weight g/m	Min. pulley diameter mm
	RSE55LW6	9,5	100	85	190
	RSE55LW8	12,5	100	150	250

PE guides

PE GUIDES - PE-500 AND PE-1000 - FOR TRAPEZOIDAL VEE BELTS**		Dimensions mm							
		Type*	Trapezoidal belt	B	A	b	a	Ac	
		To be mounted on the galvanized steel channel		GP100 Z	Z	20	10	6,50	3
GP100 A	A			20	12	8,00	5	-	
GP100 E	E			25	12	10,0	5	-	
GP100 B	B			30	15	10,5	8	-	
GP100 C	C			35	20	13,5	11	-	
GP100 D	D			40	25	19,0	13	-	
GP100 ZC	Z			20	15	6,50	3	17	
GP100 AC	A			20	15	8,00	5	17	
GP100 EC	E			25	20	10,0	5	24	
GP100 BC	B			30	20	10,5	8	24	
GP100 CC	C			35	25	13,5	11	32	
GP100 DC	D			40	30	19,0	13	35	
PE GUIDES - PE-500 AND PE-1000 - FOR ROUND BELTS**				Dimensions mm					
				Type*	Belt Ø	B	A	a	Ac
		To be mounted on the galvanized steel channel		GP100 4	4	15	10	2,0	-
GP100 5	5			15	10	2,5	-		
GP100 6	6			20	10	3,0	-		
GP100 8	8			20	10	4,0	-		
GP100 10	10			25	12	5,0	-		
GP100 12	12			25	12	6,0	-		
GP100 15	15			25	15	7,5	-		
GP100 18	18			30	20	9,0	-		
GP100 20	20			30	20	10,0	-		
GP100 4C	4			20	10	2,0	14		
GP100 5C	5			20	10	2,5	14		
GP100 6C	6			20	10	3,0	14		
GP100 8C	8			20	10	4,0	14		
GP100 10C	10			25	15	5,0	18		
GP100 12C	12	25	15	6,0	18				
GP100 15C	15	25	20	7,5	24				
GP100 18C	18	28	20	9,0	24				
GP100 20C	20	28	20	10,0	24				
		GALVANIZED STEEL CHANNEL				Dimensions mm			
			B	H	b	d			
		C02VZ	20	10	10	1,5			
		C03VZ	28	12	14	2,0			
		C05VZ	38	18	22	1,5			

* For PE 500 quality, replace 100 with 50 in the reference.
** Supplied in 2-m strips. For other lengths, please consult.

Toptrans. Transmission and conveying belts.

Leather	Sector	Type	Colour		Material		Thickness mm	
			Top surface	Drive surface	Top surface	Drive surface	Top surface	Drive surface
	Power transmission <small>WHEN OIL AND HUMIDITY IS PRESENT</small>	LF 10	Black 80	Grey 80	Nylon fabric	Leather	0,30	1,60
LF 14		Black 80	Grey 80	Nylon fabric	Leather	0,30	1,80	
LF 20		Black 80	Grey 80	Nylon fabric	Leather	0,30	1,80	
LF 25		Black 80	Grey 80	Nylon fabric	Leather	0,30	2,00	
LF 30		Black 80	Grey 80	Nylon fabric	Leather	0,30	2,00	
LF 40		Black 80	Grey 80	Nylon fabric	Leather	0,30	2,00	
LF 54		Black 80	Grey 80	Nylon fabric	Leather	0,30	2,20	
LF 80		Black 80	Grey 80	Nylon fabric	Leather	0,30	2,20	
LL 10		Grey 80	Grey 80	Leather	Leather	1,60	1,60	
LL 14		Grey 80	Grey 80	Leather	Leather	1,60	1,60	
LL 20		Grey 80	Grey 80	Leather	Leather	1,80	1,80	
LL 25		Grey 80	Grey 80	Leather	Leather	2,00	2,00	
LL 30		Grey 80	Grey 80	Leather	Leather	2,00	2,00	
LL 40		Grey 80	Grey 80	Leather	Leather	2,00	2,00	

Elastomer and Fabric	Sector	Type	Colour		Material		Thickness mm	
			Top surface	Drive surface	Top surface	Drive surface	Top surface	Drive surface
	Graphic Sector	FF 06	Green 81	Green 81	Nylon fabric	Nylon fabric	0,30	0,30
EE 04		Green 83	Green 83	NBR	NBR	0,60	0,60	
EE 06		Green 83	Green 83	NBR	NBR	0,60	0,60	
FE 06		Green 83	Black 80	NBR	Nylon fabric	0,50	0,35	
FE 10		Green 83	Black 80	NBR	Nylon fabric	0,60	0,30	
FE 10/2		Green 83	Black 80	NBR	Nylon fabric	0,80	0,70	
FE 14/3		Green 83	Black 80	NBR	Nylon fabric	2,10	0,30	
FE 14/4		Green 83	Black 80	NBR	Nylon fabric	2,70	0,30	
EE 10/3		Green 83	Green 83	NBR	NBR	1,20	1,20	
EE 10/4		Green 83	Green 83	NBR	NBR	1,70	1,70	
EE 14/5		Green 83	Green 83	NBR	NBR	2,10	2,10	
EE 14/6		Green 83	Green 83	NBR	NBR	2,70	2,70	
Tangential	EE 10	Green 83	Green 83	XNBR	XNBR	0,70	0,70	
	EE 14	Green 83	Green 83	XNBR	XNBR	0,70	0,70	
	EE 20	Green 83	Green 83	XNBR	XNBR	0,70	0,70	
	EE 25	Green 83	Green 83	XNBR	XNBR	0,70	0,70	
	EE 30	Green 83	Green 83	XNBR	XNBR	0,70	0,70	
	EE 33	Green 83	Green 83	XNBR	XNBR	0,70	0,70	
	EE10SS	Black 81	Black 81	XNBR	XNBR	0,75	0,75	
	EE20SS	Black 81	Black 81	XNBR	XNBR	0,75	0,75	
Textile	FC 04	Natural 80	Green 81	Mixed fabric	Nylon fabric	0,30	0,30	
	FC 06	Natural 80	Green 81	Mixed fabric	Nylon fabric	0,30	0,30	
	FC 04H	Ocher 80	Green 81	Mixed fabric	Rubberized fabric	0,30	0,35	
	CT 10/3	Grey 81	Grey 81	XNBR	XNBR	1,10	1,10	
Transmission	EF 06	Black 80	Green 83	Nylon fabric	NBR	0,35	0,50	
	EF 10	Black 80	Green 83	Nylon fabric	NBR	0,30	0,70	
	EF 14	Black 80	Green 83	Nylon fabric	NBR	0,30	0,70	
	EF 20	Black 80	Black 81	Nylon fabric	XNBR	0,30	0,70	
	EF 25	Black 80	Black 81	Nylon fabric	XNBR	0,30	0,70	
	EF 30	Black 80	Black 81	Nylon fabric	XNBR	0,30	0,70	
	EF 40	Black 80	Black 81	Nylon fabric	XNBR	0,30	0,70	
	EF 54	Black 80	Black 81	Nylon fabric	XNBR	0,30	0,70	

NR: Natural rubber. NBR: Nitrile rubber. XNBR: Carboxilated nitrile rubber.



Total weight Kg/m ²	Thickness mm	Shaft load at 1% elongation N/mm	Tensile strength N/mm	Elongation at break %	Minimum Pulley Ø mm	Max. fabrication width mm	Applications	
2,25	2,40	10	225	22	40	520	Paper (Conic drives & sheeter machine). Textile (cards, flyers & conic drives). Wood (Carrier belt). Marble (Gang saws). Metal (Press, lathes & drives). Flour (Feed rollers).	
2,60	2,80	14	315	22	60	520		
3,05	3,35	20	450	22	90	520		
3,05	3,55	25	560	22	120	520		
3,35	3,80	30	625	22	200	520		
4,20	4,30	40	900	22	280	520		
5,00	5,25	54	1215	22	380	520		
6,90	7,00	80	1800	22	560	520		
3,05	3,90	10	225	22	40	520		Textile (cards, flyers & conic drives). Wood (Processing & carrier belt). Metal (Drives). Flour (Mills).
3,90	4,10	14	315	22	60	520		
4,10	4,60	20	450	22	90	520		
4,25	5,25	25	560	22	120	520		
4,70	5,50	30	675	22	200	520		
5,50	6,00	40	900	22	280	520		
0,80	0,95	6	135	22	20	500	Feeder belts in offset printing & PE bag machines	
1,70	1,50	4	90	22	20	500	Feeder & controller belts used in cross cutters & feeders.	
1,90	1,55	6	135	22	25	500		
1,30	1,25	6	135	22	20	500	General use in paper folding, transferring, offset and rotary printing.	
1,30	1,25	6	135	22	20	500		
2,20	2,00	10	225	22	35	520	Applications when very high abrasion occurs on the carrying surface.	
3,55	3,15	14	315	22	40	520		
4,30	3,70	14	315	22	40	520		
3,20	2,90	10	225	22	30	520	Folding belts in box folder and gluing machines.	
4,70	3,90	10	225	22	30	520		
5,90	4,95	14	315	22	50	520		
7,40	6,10	14	315	22	50	520		
2,25	1,90	10	225	22	35	520	Textile Industry: tangential belts in ring spinning machines (EE20, EE25, EE30 and EE33. Twisters (EE25, EE30 and EE33). Cards (EE20). Paper Industry: Winding & Payout machines (EE10). Wood Industry: processing. Live rollers.	
2,50	2,10	14	315	22	60	520		
2,85	2,40	20	450	22	70	520		
3,10	2,65	25	560	22	100	520		
3,40	2,90	30	675	22	120	520		
3,70	3,15	33	740	22	140	520		
2,40	2,00	10	225	22	35	520	General use, in paper folding, transferring, offset and rotary printing.	
2,95	2,50	20	450	22	70	520		
0,65	0,80	4	90	22	15	500	Spindle Tape.	
0,80	0,95	6	135	22	20	500		
0,55	0,65	3	70	22	15	500		
3,25	2,70	10	225	22	30	520	Condenser tape for woolen cards.	
1,30	1,25	6	135	22	25	500	Paper Industry: main and cone drives, sheeter machines, paper transfer. Textile Industry: main drives (EF20, EF30, and EF40). Wood Industry: main & cone drives, transport. Conic drives.	
1,60	1,50	10	225	22	30	520		
1,85	1,70	14	315	22	50	520		
2,20	2,00	20	450	22	70	520		
2,50	2,25	25	560	22	100	520		
2,65	2,50	30	675	22	120	520		
3,30	3,00	40	900	22	280	520		
4,10	3,70	54	1215	22	380	520		



Buckets

Thermoplastic buckets for elevators

The most important components of an elevator are the buckets, which should have properties matching the material carried and a suitable shape for ease of unloading.

esbelt buckets have been designed to solve the problems currently encountered in the use of metal buckets.

Three standard types are manufactured, with the following common features:

Functional design with rounded, smooth, non-stick inside walls facilitating the easy unloading of any powder or granulated product, thereby affording high speed performance.

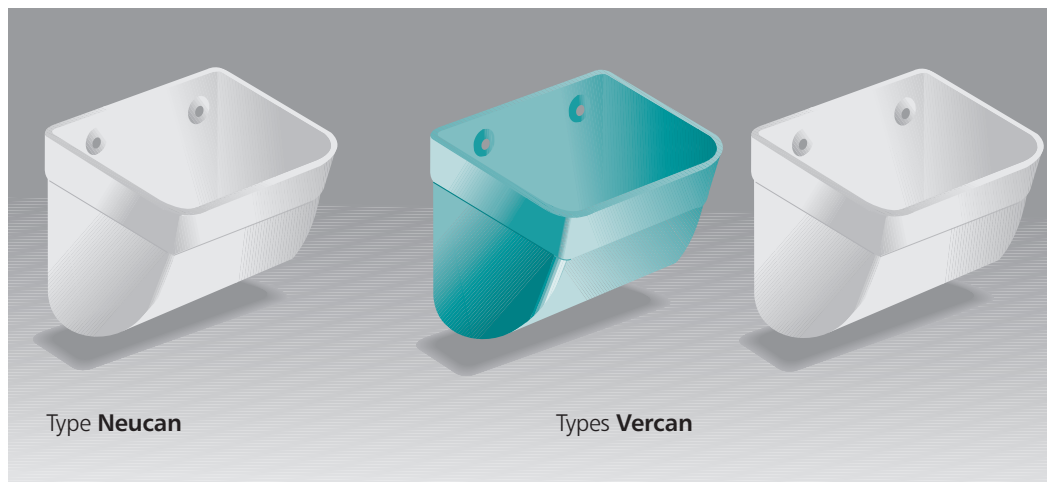
Minimum weight, since their synthetic resin fabrication makes them 70% lighter than iron buckets.

They are rust free and resistant to oils, fats and aggressive chemicals.

Being non-toxic and physiologically neutral, they are specially suited for foodstuff applications.

Their elasticity permits recovery from impact and the bucket breaks before the belt in case of accidental jamming.

Recessed holes for use with flat head bolts.



Belt types for elevators

Drago 30 CR - 30 CC - 40 CC - 81CC: Grain products mixed with mineral oils, coal, limestone, clay, chemical products, cereal grains in general (e.g. wheat, barley), soaps, etc.

Espot 30 CC - 40 CC - 81 CC - 90CC: Food-stuffs, oleaginous products, soya, fodder, flour, sugar, etc.

Febor 31 CC - 32CC - 41 CC: Sugar, salt and similar.

Technical data and dimensions

The buckets are secured to the belt by means of special bolts with a wide flat head, concave washer and nut.

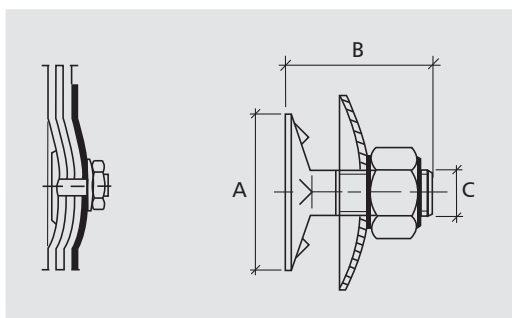
The hole to be made in the belt for securing the buckets is of the same diameter as the bolt.

Bolts should be checked periodically for tightness, after 100 hours of operation.

The load per bolt should not exceed 50 or 60 N.

In elevators it is very important to have the buckets loaded from a hopper which is located above the lower pulley or take-up.

"Dredging" of the buckets at the bottom of the elevator must be avoided. Such interference significantly increases the load on the belt and can reduce belt life.



Bucket securing bolt

Flat head, with attachment bosses for belt, together with nut and domed washer

Type	A mm	B mm	C mm
M6 x 25	20	25	6
M8 x 30	28	30	8
M10 x 40	28	40	10

Neucan Buckets

(Hardness 62° ShD)

Polyethylene material. White.

Maximum service temperature 60°C.

For use with moderately abrasive powders and granular products, flours, tobacco, fruit, animal feeds, powdered phosphates and urea:

foodstuffs in general, chemicals, moist and sticky materials, etc.

Type	A mm	B mm	C mm	D mm	E mm	Ø mm holes	n° holes	capacity l	weight gr
100	106	49	91	89	45	7	2	0,20	55
120	126	63	105	105	55	7	2	0,30	105
140	145	80	111	120	63	7	2	0,50	118
160	169	98	123	132	68	7	2	0,75	152
180	184	104	137	138	75	7	2	1,10	201
200	202	117	147	140	70	9	2	1,19	250
230	237	75	157	152	82	10	3	1,50	290
250	258	78	159	164	82	11	3	1,99	360
300	305	100	178	180	98	11	3	2,90	485
315	320	110	190	195	103	11	3	3,36	625

Vercan Buckets

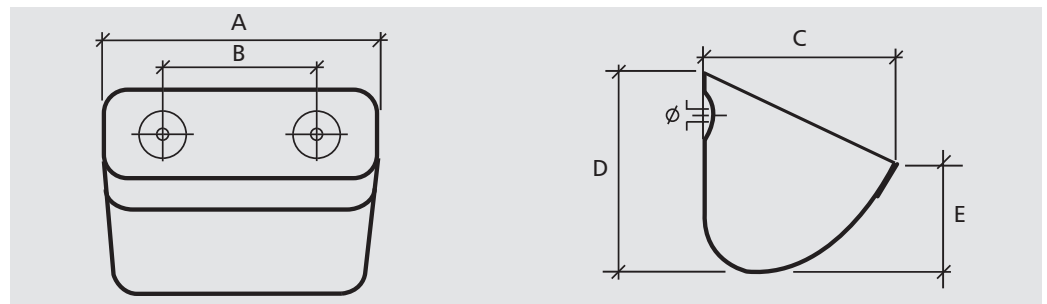
(Hardness 72° ShD)

Polyamide material. White and green. Antistatics.

Maximum service temperature 110°C.

For use with small or medium size granular abrasive materials, rice, sugar, cereals, granulated feeds, cement, clay, active chemicals, detergents, fertilizers, salt, etc.

Type	A mm	B mm	C mm	D mm	E mm	Ø mm holes	n° holes	capacity l	weight gr
100	107	50	90	90	47	7	2	0,24	74
120	129	64	106	106	58	7	2	0,41	140
140	145	81	113	120	64	7	2	0,53	155
160	170	98	125	132	69	7	2	0,79	194
180	190	105	137	140	78	7	2	1,14	255
200	205	119	147	142	74	9	2	1,23	317
230	237	75	157	152	85	10	3	1,70	375
250	262	79	161	165	87	11	3	2,17	475
300	305	100	178	180	98	11	3	2,90	610
315	328	111	190	195	108	11	3	3,36	785



Web Site

Esbelt provides a website exclusively for our clients. The site includes constantly updated information on our products (technical specifications, splicing instructions, applications in different sectors, and more) and a 24-hour virtual office where clients can obtain immediate automatic personalised quotes with help and interactive graphics.

- Product Search
- Product Technical Specifications
- Technical Information
- Client Details
- Auto Quotes
- Order Creation and Tracking
- Product Application
- Auto Digital Catalogue

Machinery for Handling Conveyor Belts.

Esbelt offers its clients all the necessary elements for handling and installing belts, as well as the accessories required to guarantee the best possible quality of finish and to increase productivity of distributors' workshops.

Easy-to-handle **portable slitter and automatic slitter**. Both designed for cutting belts lengthways. Maximum width 2,150 mm.

Ply separator for highly accurate separation of the ends of 2 and 3-ply belts.

Semi-automatic hydraulically operated **finger-cutting machine**, designed for cutting fingers in the ends of belts for splicing. Working width 1,370 mm.

Longitudinal and runer with base welder. A pneumatically operated machine for hot-air welding on belts with a maximum width of 1,200 mm. We also have a welder just for longitudinal profiles.

Presses for vulcanising belts of different widths (600, 1100 and 1600 mm), providing a magnificent finish on splices.

Edge-sealing Kit for conveyor belts.

Tool-kit for splicing thermoweldable extruded belts and different handling tools for improving workshop tasks.



Machinery for Handling Flat Belts.

300 and 500-mm circular **slitters**, which cut up to a thickness of 7 mm.

Skiver machine developed for shaving the ends of belts to be spliced.

Portable **presses** for splicing belts of different widths (30, 50, 100 and 300 mm).



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