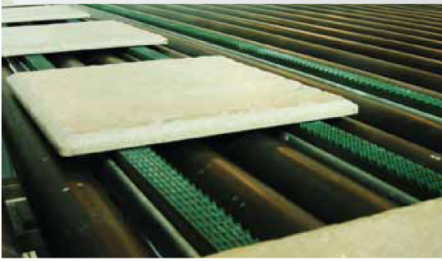






















BELTING
Technology










Conveying Solutions
'V' & Round Profiles



The Next Step in Belting

Round			RL		RLC		RLB		RLW		RO		ROS		RPZ	
	Hardness		80A 	80A 	80A 	80A 	80A 	83A 	83A 	86A/35D 						
	Temp. Range		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-20° C to +50° C	
	CoF (Steel)		0.55		0.55		0.55		0.55		0.55		0.55		0.50	
	FDA/ USDA		Yes		Yes		Yes		Yes		Yes		Yes		No	
Diameter			MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.3%)	MPD (mm)	PF kg (1%)
Inch	mm															
5/64	2		15	0.06	15	0.06					15	0.06				
1/8	3		20	0.14	20	0.14	20	0.14			20	0.14				
5/32	4		30	0.25	30	0.25	30	0.25			30	0.25				
3/16	5		35	0.40	35	0.40	35	0.40			34	0.40			45	0.40
15/64	6				38	0.55									54	0.55
1/4	6.30		40	0.60	40	0.60	40	0.60			38	0.68	42	4.50		
9/32	7															
5/16	8		55	1	55	1	55	1			48	1.06	54	5	72	2
9/32	9															
3/8	9.50		65	1.40	65	1.40	65	1.40			57	1.54	64	9.50		
23/64	10				70	1.55									89	3
15/32	12														108	4
1/2	12.50		85	2.50	85	2.50	85	2.50	90	18	75	2.72	86	11.40		
9/16	14										84	3.43	95	12.30		
19/32	15		100	3.50	100	3.50	100	3.50							135	7
5/8	16										95	4.25	108	13.60		
23/32	18		120	5.10	120	5.10			125	27						
3/4	19										115	6.11	127	15		
25/32	20															
1	25										150	10.60				

V-Profiles			VFC		VL		VLC		VLB		VLW		VO			
	Hardness		76A 	80A 	80A 	80A 	80A 	80A 	80A 	83A 						
	Temp. Range		-40° C to +50° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C	
	CoF (Steel)		0.65		0.55		0.55		0.55		0.55		0.55		0.55	
	FDA/ USDA		No		Yes		Yes		Yes		Yes		Yes		Yes	
Size (mm)			MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)
Inch Size	Width	Height														
Y	6	4	20	0.28	25	0.30										
M	8	5.20	25	0.49	40	0.70			40	0.70						
3L	9.50	5.50	30	0.64										45	0.90	
Z	10	6.50			45	1	45	1	45	1						
A	13	8	40	1.23	50	1.60	50	1.60	50	1.60	50	1.60	50	12	50	1.60
B	17	11.50			75	2.90	75	2.90	75	2.90	75	2.90	75	18	75	2.90
-	20	12.50			85	3.90										
C	22	14.50			100	4.80	100	4.80	100	4.80	100	4.80	100	22	100	4.60
-	25	16.50			110	6.30										
D	32	21.50			145	10.40							145	24	145	10.40
E	40	27			180	16.3										


Ridge-Top			VL-RT		VLC-RT		VLW-RT		VMP-RT		VPZ-RT		VPZS-RT		VPY-RT	
	Hardness		80A 	80A 	80A 	86A/35D 	86A/35D 	86A/35D 	86A/35D 	86A/35D 						
	Temp. Range		-40° C to +55° C		-40° C to +55° C		-40° C to +55° C		-30° C to +60° C		-20° C to +50° C		-20° C to +50° C		-20° C to +50° C	
	CoF (Steel)		0.55		0.55		0.55		0.38		0.40		0.40		0.40	
	FDA/ USDA		Yes		Yes		Yes		No		No		No		No	
Size (mm)			MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)
Inch Size	Width	Height														
A	13	16	110	2.70	110	2.70	110	16	150	5.60	145	5.30	152	21.60	145	5.30
B	17	19.50	130	4.30	130	4.30	130	19	185	9.30	175	8.80	195	41.40	175	8.80
C	22	24.50	190*	7.90	190*	7.90	165	38	235	14.30	220	13.60	245	47	220	13.60


Index: MPD - Minimum Pulley Diameter - Measurements for **butt welding**. In case of overlap welding please check the MPD with your local distributor.
PF - Pull Force (Kg) at minimum pretension (%). **CoF** - Coefficient of Friction for Smooth Surface. **Notes:** *VL -VLC -V/M - RT - Height 28.5mm.

RPZS		RPN		RPS		RPB		RPBS		RM		RMS		RMD5*		RMBS*		
0°C	86A/35D	88A/37D	88A/37D	88A/37D	88A/37D	88A/37D	88A/37D	88A/37D	88A/37D	90A/40D	90A/40D	90A/40D	95A/46D	95A/46D	95A/46D	95A/46D		
	-20°C to +50°C	-30°C to +80°C	-30°C to +80°C	-30°C to +80°C	-30°C to +80°C	-30°C to +80°C	-30°C to +80°C	-30°C to +80°C	-30°C to +80°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C	-30°C to +60°C			
	0.50	0.38	0.40	0.38	0.40	0.38	0.40	0.40	0.45	0.45	0.45	0.36	0.36	0.36	0.36			
	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes			
PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)
0.80		19	0.13							20	0.26							
0.16		29	0.31				29	0.31		30	0.60							
		38	0.54				38	0.54		40	1	40	1					
		48	0.85	50	11	48	0.85			50	1.60							
		57	1.22	60	16	57	1.22	60	16									
										60	2.60	60	2.60					
0.05		67	1.67	70	18													
		76	2.18	80	19	76	2.18	80	19	80	4.20	80	4.20					
		86	2.75	90	21													
0.20	95	19.50	95	3.40	100	22	95	3.40	100	22				130*	55	130*	55	
0.56	112	23	114	4.90	120	26	114	4.90	120	26								
											125	10.10			150	60		
0.25	140	24	143	7.65	150	27	143	7.65			150	14.60	150	14.60				
				171	11	180	37				180	21						
				190	13.6						200	25.90						
VO - GT**		VOS**		VPZ		VPZS		VPY***		VPYS		VPN		VPNS		VPF		
83A		83A		86A/35D		86A/35D		86A/35D		86A/35D		88A/37D		88A/37D		88A/37D		
40°C to +55°C		-40°C to +55°C		-20°C to +50°C		-20°C to +50°C		-20°C to +50°C		-20°C to +50°C		-30°C to +60°C		-30°C to +60°C		-30°C to +60°C		
0.55		0.55		0.40		0.40		0.40		0.40		0.38		0.38		0.38		
Yes		Yes		No		No		No		No		No		No		No		
MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	
		40	5															
		53	12	72	3.30	88	26	72	3.30	88	26	76	3.50	92	28	76	3	
75	2.90	72	17	103	6.10	112	39	103	6.10	112	39	110	6.40	118	43	110	6	
100	4.60			130	10	142	44	130	10	142	44	138	10.50	150	49	138	10	
VPYS-RT		VPN-RT		VPNS-RT		VPF-RT		VPFS-RT		VM-RT		Y-Top		YMP		YPZ		
86A/35D		88A/37D		88A/37D		88A/37D		88A/37D		90A/40D				86A/35D		86A/35D		
-20°C to +50°C		-30°C to +60°C		-30°C to +60°C		-30°C to +60°C		-30°C to +60°C		-30°C to +60°C				-30°C to +60°C		-20°C to +50°C		
0.40		0.38		0.38		0.38		0.38		0.45				0.38		0.40		
No		No		No		No		No		Yes				Yes		Yes		
MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	Inch Size	Size (mm) W H	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	
152	21.60	150	5.60	160	24	150	5.60	160	24	160	11	A	13 15					
195	41.40	185	9.30	205	46	185	9.30	205	46	195	17.80	B	17 18.50	175	8.30	165	7.90	
245	47	235	14.30	258	52	235	14.30	250	52	285*	32.50	C	22 24.50	235	13.90	220	13.20	

Notes: *RMBS & RMD5 - Diameter 10.5mm. *RMD5 - High UV Resistance **VO-GT, VOS - Inch sizes only. ***VPY - Not standard.

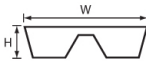
	RMW		RMWN		RH		RHN		RCW*	
	95A/46D	95A/46D	100A/55D	100A/55D	63D					
	-30° C to +60° C	-30° C to +60° C	-20° C to +75° C	-20° C to +75° C	-20° C to +75° C					
	0.36	0.36	0.28	0.28	0.27					
	Yes	Yes	Yes	Yes	Yes					
	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)
			40	0.60						
			60	1.40						
			80	2.50						
			100	3.90						
	75	10	75	10	125	6.20			100	13
	95	17			160	10				
	110	18			190	14	190	14	150	20
	150	28			250	16	250	16	200	21
	175	30			300	23	300	23		
	210	32			360	34	360	34		

Hollow		RFC - HL		RO - HL		RPN - HL		
	76A	83A	88A/37D					
	-40° C to +50° C	-40° C to +55° C	-30° C to +80° C					
	0.65	0.55	0.50					
	No	Yes	No					
Size (mm)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)
4.80 1.80	35 0.29	43 0.37	45 0.68					
6.30 2.40	45 0.49	55 0.63	60 1.15					
8 3.20	55 0.78	65 1.01	75 1.83					
9.50 4	65 1.10	75 1.41	85 2.52					
12.50 5.30	85 1.88	100 2.42	115 4.35					
15 5.30	100 2.88	120 3.71	150 6.68					
18 7.80	120 3.83	145 4.95	180 8.95					
20 7.80	140 4.90	170 6.34	200 11.45					

Hollow Connectors		for Diameter (mm)	
		4.80	
		6.30	
		8	
		9.50	
		12.50	
		15	
		18	
	20		

Notes: Connectors - Available for all Hollow Round Profiles

F	VPFS		VMF		VM		VMS		VMW**		VMW-NK**		VH		VHB	
+60° C	88A/37D	90A/40D	90A/40D	90A/40D	90A/40D	90A/40D	95A/46D	95A/46D	100A/55D	100A/55D						
-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-20° C to +75° C	-20° C to +75° C						
0.38	0.45	0.45	0.45	0.45	0.45	0.36	0.36	0.28	0.28	0.28						
No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes						
PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)
					60	3							125	4.80		
					65	4.10						75	12	130	6.60	
3.50	92	28	80	6.7	80	6.70	80	6.70	75	14	100	16	160	10.70	160	10.70
6.40	118	43	115	12.10	115	12.10	115	12.10	100	27	140	30	230	19.50	230	19.50
					125	15.9							250	25.50		
10.50	150	49	145	20	145	20			130	36	200	40	290	32	290	32
					165	25.90							210	45	330	41.50
					215	43							270	55		
					270	67.3										

YPN		YPF		YMF		Double-V		DVL		DVLW		DVO		DVOS		DVM	
88A/37D	88A/37D	90A/40D			80A	80A	83A	83A	83A	90A/40D							
-30° C to +60° C	-30° C to +60° C	-30° C to +60° C			-40° C to +55° C	-40° C to +55° C	-40° C to +55° C	-40° C to +55° C	-40° C to +55° C	-30° C to +60° C							
0.38	0.38	0.45			0.55	0.55	0.55	0.55	0.55	0.45							
No	No	No			Yes	Yes	Yes	Yes	Yes	Yes							
MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)
		143	5.30	150	10												
175	8.30	175	8.30	185	14.10												
235	13.90	235	13.90	250	28.90												
						Inch Size	Size (mm) W H	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)	MPD (mm)	PF kg (0.5%)	MPD (mm)	PF kg (1%)
						Z	24 6.80	45	2			45	2				
						A	30 8	50	3.20	50	22	50	3.20	53	22	80	13.40

Notes: *RCW - also available with Steel, Stainless Steel & Kevlar (Aramid) reinforcement. **VMW - Cogged. **VMW - NK - Not Cogged.

Guides

Products	CL/CLB/CLC	VL/VLB	CM	VM	CW/CWB	VW/VWB	CSB/CSC	VSB/VSC
Shore Hardness	80A	80A	90A	90A	40D	40D	65A	65A
Color	Brown/Clear	Brown/Blue	Red	Red	White/Blue	White/Blue	Blue/Clear	Blue/Clear
Cogged	Yes	No	Yes	No	Yes	No	Yes	No
FDA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Size (mm)		Add To Minimum Pulley Diameter							
Width	Height								
6	4	NR	25	NR	NR	NR	NR	NR	15
8	5.20	NR	40	NR	60	NR	NR	NR	25
10	6	35	45	50	65	55	70	22	30
13	8	40	50	60	85	60	80	28	35
17	11.50	60	75	85	115	85	110	40	50
20	12.50	NR	85	NR	125	NR	NR	NR	NR
22	14.50	75	100	110	145	110	150	NR	65

Special Profiles

Products	SPN - 1000	SPY - 1000	SLW 3/4	SM - 1400	TO - 9.5	TO 1/2	TO 9/16	SO 3/4	UO - 9.5
Illustration									
Hardness	88A	86A	80A	90A	83A	83A	83A	83A	83A
Size (mm)	Top Width	15.70	15.60	19.30	30	9.50	12.70	14.30	19.20
	Height	13.60	14.50	5.50	12	3.80	5.50	6.50	5.50
	Bottom Width			8		3.10	8.35	9.50	8
MPD (mm)	NR	NR	40	125	30	38	70	35	50

Products	SH - 1200	TEMB - 25	TEMW - 25	TLB - 10	TLB - 15	TLW - 30	SLC - 2300	SLC - 2104
Illustration								
Hardness	100A	95A	95A	80A	80A	80A	80A	80A
Size (mm)	Top Width	17	25	25	10	15	30	30
	Height	11.50	2	2	3.80	5	17	17
	Bottom Width		4.50	4.50	3.10	6.50	22	22
MPD (mm)	230	60	60	25	30	125	100*	78

Products	Illustration	Hardness	Size (W x H)		Minimum Pulley Diameter
			Width	Height	
SH - 1300		100A/55D	16	1.70	50
SH - 1301			18	1.70	50
SH - 1302			20	1.70	50
SH - 1305			25	1.70	50
SH - 1306			14	1.70	50
SH - 1310			16	2	60
SH - 1311			18	2	60
SH - 1312			20	2	60
SH - 1313			8	2	60
SH - 1314			8	3	80
SH - 1320			10	4	95
SH - 1325			17	1.50	45

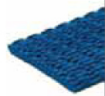






Notes: *TLW/30 - Cogged.



Food Approved Soft Material









Products	Color	Hardness	Temperature Range	CoF (Steel)	FDA
Round Profiles 'V' Profiles	TB Transparent Blue	72A	-40° C to +40° C -40° F to +105° F	0.85	Yes

Belt Coating Materials for the Food Industry

Products	GIB*	MIB*	FEIB*	WIB*	FEMB-SP	FEMW-SP	FELB-SP
Illustration							
Description	Super Grip	Multi Grip	High Grip	Wood Grip	Spikes	Spikes	Spikes
Hardness	62A	62A	62A	62A	95A	95A	85A
Size (mm)	Width*	50	1524	70	1524	1524	1524
	Thickness	4	6	4	4	2/ 2.5/ 3	2/ 2.5/ 3
CoF (Steel)	0.98	1.08	0.95	1.05	0.25	0.25	0.45
Temp. Range	-20° C to +40° C				-30° C to +60° C		-40° C to +50° C

Notes: *For Dry Applications Only.

Belt Coating Materials

Products	GST - 4	MST - 6	FEST	FSTF	FSTF - ST	FSTF - ST Strips	FSTF - STX Strips	GWG - 4	
Illustration									
Description	Super Grip	Multi Grip	High Grip	Foam**	Foam & High Grip Top	Foam & High Grip Strips	Foam & High Grip Double Strips	Wood Grip	
Hardness	65A	65A	65A	65A	65A	65A	65A	65A	
Size(mm)	Width*	50	1524	140	150	160	60	60	72
	Thickness	4	6	2, 3, 4, 5	14	6-12	4	4	3.75
CoF (Steel)	0.85	0.88	1.10	0.90	0.90	0.90/1.10	0.90/1.10	0.77	
Temp. Range	-40° C to +55° C								

Notes: **Width*** - Maximum available width. ****Foam** - Made from 65A shore material, actual hardness is lower.



Mini Pliers R - 8



F-51 Pliers for standard V and Round profile



Easy Overlap Welding Tool



BELTING Technology

Corporate Headquarters
Sales and Manufacturing
sales@voltabelting.com

USA
• Tel: +1 973 276 7905
• Fax: +1 973 276 7908
• Toll Free: 1-877-VOLTAUS

EUROPE
• Tel: +31-546-580166
• Fax: +31-546-579508

www.voltabelting.com

Volta Belting makes no warranty with respect to any of its products for a particular purpose. See Volta General Terms and Conditions. Copyright©2011 Volta Belting Technology Ltd.

Copyright©2010 Volta Belting Technology Ltd.
CAT503EN00 - Ver. E - December 2012