A WIDE RANGE OF VaR (V and ROUND) CONVEYOR BELTS

ROUND BELTS

	RFC		RL/RLC		RLW		RPZ	
Hardness:	76A		80A		80A		86A	
Temp. Range:	-40°C To 50°C		-40°C To 55°C		-40°C To 55°C		-20°C To 50°C	
Coefficient of Friction (Steel):	0.65		0.55		0.55		0.4	
FDA/USDA:	No		Yes		Yes		No	
Diameter mm (Inch)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (0.5%)	MPD (mm)	PF (1%)
2			15	0.06				
3 (1/8)			20	0.14				
4	20	0.20	30	0.25				
5 (3/16)	25	0.30	35	0.40			45	0.8
6	30	0.40					54	1.16
6.3 (1/4)			40	0.60				
7								
8 (5/16)	40	0.75	55	1.00			72	2.05
9								
9.5 (3/8)			65	1.40				
10							89	3.2
12							108	4.65
12.5 (1/2)			85	2.50	90	18		
14 (9/16)								
15			100	3.50			135	7.25
16 (5/8)								
18			120	5.10	125	27		
19 (3/4)								
20								
25								

V-BELTS

	VL/VLC *		VLW *		VPZ *		VPZS *		VPF *	
Hardness:	80A		80A		86A		86A		89A/37D	
Temp. Range:	-40°C To 55°C		-40°C To 55°C		-20°C To 50°C		-20°C To 50°C		-30°C To 60°C	
Coefficient of Friction (Steel):	0.55		0.55		0.4		0.4		0.38	
FDA/USDA:	Yes		Yes		No		No		No	
Size WxH (mm)	MPD (mm)	PF (1%)	MPD (mm)	PF (0.5%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)
8/M = 8x5.2	40	0.7								
10/Z = 10x6.5	45	1.0								
13/A = 13x8	50	1.6	50	12	72	3.3	88	26	76	3.5
17/B = 17x11.5	75	2.9	75	18	103	6.1	112	39	110	6.4
20 = 20x12.5	85	3.9								
22/C = 22x14.5	100	4.8	100	22	130	10	142	44	138	10.5
25 = 25x16.5	110	6.3								
32/D = 32x21.5	145	10.4	145	24						
40/E = 40x27	180	16.3								

	VL-RT		VM-RT	
Hardness:	80A		90A/40D	
Temp. Range:	-40°C To 55°C		-30°C To 60°C	
C. of Friction (Steel):	0.55		0.45	
FDA/USDA:	Yes		Yes	
Size = WxH (mm)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)
13/A = 13x16.0	110	2.7	160	11.0
17/B = 17x19.5	130	4.3	195	17.8
22/C = 22x28.5	190	7.9	285	32.5

	VLW-RT		VPF-RT		VPFS-RT	
Hardness:	80A		89A/37D		89A/37D	
Temp. Range:	-40°C To 55°C		-30°C To 60°C		-30°C To 60°C	
C. of Friction (Steel):	0.55		0.38		0.38	
FDA/USDA:	Yes		No		No	
Size = WxH (mm)	MPD (mm)	PF (0.5%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)
13/A = 13x16.0	110	16	150	5.6	160	24
17/B = 17x19.5	130	19	185	9.3	205	46
22/C = 22x24.5	165	38	235	14.3	258	52

All profile dimensions are for general indication only **MPD – Minimum Pulley Diameter (mm) PF – Pull Force (%) in kg**

	RPZS		RPN/RPN-NT		RPS		RM		RMW		RH		RCW		RO		ROS (INCH SIZES ONLY)		RFC-HL (HOLLOW)		RO-HL (HOLLOW)		RPN-HL (HOLLOW)	
Hardness:	86A		88A/37D		88A/37D		90A/40D		95A/46D		100A/55D		63D		83A		83A		76A		83A		88A/37D	
Temp. Range:	-20°C To 50°C		-30°C To 80°C		-30°C To 80°C		-30°C To 60°C		-30°C To 60°C		-20°C To 75°C		-20°C To 75°C		-40°C To 55°C		-40°C To 55°C		-40°C To 50°C		-40°C To 55°C		-30°C To 80°C	
Coefficient of Friction (Steel):	0.40		0.38		0.40		0.45		0.36		0.28		0.27		0.55		0.55		0.65		0.55		0.38	
FDA/USDA:	No		No		No		Yes		Yes and 3A Dairy		Yes		Yes		Yes		Yes		No		Yes		No	
	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (0.3%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)
			19	0.13			20	0.26			40	0.6			15	0.06								
			29	0.31			30	0.60			60	1.4			20	0.14								
			38	0.54			40	1.00			80	2.5			30	0.25								
			48	0.85	50	11	50	1.60			100	3.9			34	0.40								
			57	1.22	60	16																		
							60	2.60	75	20	125	6.2	100	25	38	0.68	42	4.5	45	0.49	55	0.63	60	1.15
			67	1.67	70	18																		
			76	2.18	80	19	80	4.20	95	35	160	10			48	1.06	54	5	55	0.70	65	0.9	75	1.63
			86	2.75	90	21																		
							95	5.90	110	37	190	14	150	40	57	1.54	64	9.5	65	0.92	75	1.18	85	2.11
95	19.5	95	3.40	100	22																			
112	23	114	4.90	120	26																			
							125	10.10	150	57	250	16	200	42	75	2.72	86	11.4	85	1.4	100	1.8	115	3.25
															84	3.43	95	12.3						
140	24	143	7.65	150	27	150	14.60	175	60	300	23								100	2.4	120	3.2	150	5.10
															95	4.25	108	13.6						
		171	11.00	180	37	180	21.00	210	64	360	34													
															115	6.11	127	15						
		190	13.60			200	25.90																220	10.2
															150	10.6								

V-BELTS

	VPFS *		VM *		VMW *		VMW-NK Non Cogged *		VH	
Hardness:	89A/37D		90A/40D		95A/46D		95A/46D		100A/55D	
Temp. Range:	-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	
Coefficient of Friction (Steel):	0.38		0.45		0.36		0.36		0.28	
FDA/USDA:	No		Yes		Yes and 3A Dairy		Yes and 3A Dairy		Yes	
	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)
			60	3.0					125	4.8
			65	4.1			75	25	130	6.6
92	28	80	6.7	75	28		100	33	160	10.7
118	43	115	12.1	100	55		140	60	230	19.5
		125	15.9						250	25.5
150	49	145	20.0	130	72		200	80	290	32.0
		165	25.9				210	90	330	41.5
		215	43.0				270	110		
		270	67.3							

	VO * (INCH SIZES ONLY)		VO-GT		VOS *		VOS-GT	
Hardness:	83A		83A		83A		83A	
Temp. Range:	-40°C To 55°C		-40°C To 55°C		-40°C To 55°C		-40°C To 55°C	
Coefficient of Friction (Steel):	0.55		0.55		0.55		0.55	
FDA/USDA:	Yes		Yes		Yes		Yes	
Inch	MPD (mm)	PF (1%)	MPD (mm)	PF (1%)	MPD (mm)	PF (0.5%)	MPD (mm)	PF (0.5%)
3L	45	0.9			40	5		
A	50	1.6			53	12		
B	75	2.9	75	2.6	72	17	72	17
C	100	4.6	100	4.6			100	19.5
D							140	25

Guides
CM
CL
CW
CLC

Available in
10/Z; 13/A; 17/B; 22/C

* Available with:

S.G. Super Grip

M.G. Multi Grip

S.T. High Grip

FST / FEST
Shore 60A

High Grip material

available in thicknesses:
2-6 mm

	YPF	
Hardness:	89A/37D	
Temp. Range:	-30°C To 60°C	
C. of Friction (Steel):	0.38	
FDA/USDA:	No	
Size = WxH (mm)	MPD (mm)	PF (1%)
13/A = 13x15.0	143	5.3
17/B = 17x18.5	175	8.3
22/C = 22x24.5	235	13.9

	DVL		DVLW		DVO		DVOS		DVM	
Hardness:	80A		80A		83A		83A		90A/40D	
Temp. Range:	-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	
C. of Friction (Steel):	0.55		0.55		0.55		0.55		0.45	
FDA/USDA:	Yes		Yes		Yes		Yes		Yes	
Size = W (w)xH (mm)	MPD (mm)	PF (1%)	MPD (mm)	PF (0.5%)	MPD (mm)	PF (1%)	MPD (mm)	PF (0.5%)	MPD (mm)	PF (1%)
Z = 24 (9.5)x6.8	45	2.0			45	2.0				
A = 30 (13)x8.0	50	3.2	50	22	50	3.2	53	22	80	13.4

For special requirements contact your VOLTA dealer.

Ask your VOLTA Dealer for other Special Profiles

SM	SH	SLC	SLC	SLEEVES / Roller Covers
Hardness: 90A	Hardness: 100A	Hardness: 80A	Hardness: 80A	Available in diameters from 10 to 120 mm. Wall thickness is 1.5-4 mm depending on sleeve diameter. Hardness: Shore 85A. For other dimensions contact VOLTA
SO-T	TLW	TO-Crown	T-12	
Hardness: 80A	Hardness: 80A	Hardness: 83A	Hardness: 83A	