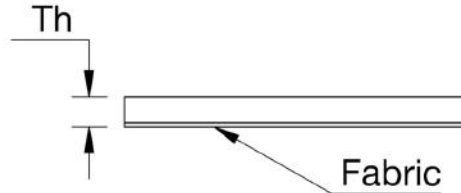


FRW
Flat, Reinforced Belt

Material:	Volta W, White	
Hardness:	95 A / 46 D	
Standard Belt Width:	60" / 1524mm	
Temp. Range:	- 30°C to 60°C / -20°F to 140°F	
Certification:	FDA / USDA / EU	

Coefficient of friction (Steel):	
Belt Smooth Top:	0.40
Belt Reinforced Bottom:	0.20



TYPE	FRW-2		
Reinforcement	E 110		
Thickness	2		
Weight	kg/m ²	2.5	
	lb/ft ²	0.5	
Minimum Pulley:	mm	Normal Flex	25
		Back Flex	50
	Inch	Normal Flex	1
		Back Flex	2
Ultimate Strength	Kg/cm	120	
	lb/inch	670	
Ultimate Elongation	%	16	
Pull Force (kg/cm) at pretension of:	0.5%	3	
	1.0%	6	
	1.5%	NR	
Pull Force (lb/in) at pretension of:	0.5%	17	
	1.0%	33.5	
	1.5%	NR	
Electrode Splicing	EVW-7	✓	
	EVW-9	-	

Notes:

1. Pull force relates to steel pulleys. Multiply given values by 0.9 for cast iron, 1.1 for rubber and 0.8 for wet smooth drums.
2. Recommended only when splicing angle is greater than 17°.
3. All values are nominal and to the best of our experience are true and accurate.

	FRW - 2	
	inch	mm
Belt (at normal flex) (a)	1	25
V – Guide (b)		
VM - 8	3 1/2	90
VM -10	3 3/4	95
VM -13	4 3/8	110
VM -17	NA	NA
VL - 6	2 1/4	55
VL - 8	2 1/2	65
VL - 10	2 3/4	70
VL - 13	3	75
VL - 17	NA	NA
CM -10	3 1/8	80
CM -13	3 3/8	85
CM -17	NA	NA
CM -22	NA	NA
CL - 10	2 3/8	60
CL - 13	2 1/2	65
CL - 17	3 3/8	85
CL - 22	NA	NA
V – Cleat (c)		
Electrode	2 1/4	55
VL - 6	2 1/4	55
VL - 8	2 1/2	65
VL - 10	3	75
VL - 13	3 3/8	85
VL - 17	NA	NA
Flat cleat (c)		
Single 7 Electrode	4 3/8	110
Single 9 Electrode	NA	NA
Double 7 Electrode	NA	NA
T cleat (c)	3	75
Side Walls (c)		
Sww 20 (Normal Flex)	3 3/4	95
Sww 20 (BackFlex)	4 3/8	110
Sww 30(Normal Flex)	3 3/4	95
Sww 30 (BackFlex)	5	125
Sww 40(Normal Flex)	4	100
Sww 40 (BackFlex)	6	150
Sww 50(Normal Flex)	NR	NR
Sww 50 (BackFlex)	NR	NR
Sww 60(Normal Flex)	NR	NR
Sww 60 (BackFlex)	NR	NR
Sww 80(Normal Flex)	NR	NR
Sww 80 (BackFlex)	NR	NR
Sww 100(Normal Flex)	NR	NR
Sww 100 (BackFlex)	NR	NR

Notes:

- 1) For belt fabrication where the guides are located below the cleats or Side Walls, add the V - Guide value (b) and the cleat or sidewall value (c), and subtract belt value (a). In the case where the Guide is not located below the cleat or Side Wall, choose the higher of the values between the V-guide (b) and cleat or Side Wall (c).
- 2) For Back Flex add one time belt value (a).
- 3) English dimensions have been converted from metric measurements.
- 4) NA = Not Available.