
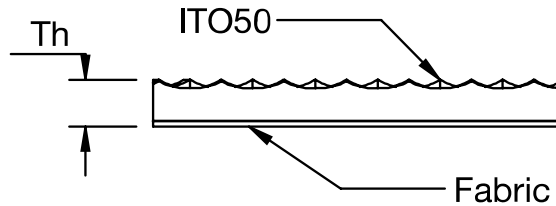


FRMW-ITO50

Flat Belt, Bottom-Reinforced, Top-ITO50 (Impression Top Oval)

Material:	Volta MW	
Color (Indicative only)	Beige	
Hardness:	95A/46D	
Temp. Range (C°):	-30°C to 70°C	
Temp. Range (F°):	-20°F to 158°F	
Certification:	FDA/ USDA/USDA Dairy/EU Approved	

Coefficient of friction (Dry):	
Reinforced Bottom - Steel:	0.20



Product:		FRMW-2.5-ITO50	FRMW-3-ITO50
Belt Thickness (mm) :		2.5	3
Belt Weight (kg/m ²):		2.6	3.3
Belt Weight (lb/ft ²):		0.52	0.68
Belt Min Pulley Diameter (mm) (Normal Flex)		32	36
Belt Min Pulley Diameter (mm) (Back Flex)		64	70
Belt Min Pulley Diameter (Inch) (Normal Flex)		1 1/4	1 7/16
Belt Min Pulley Diameter (Inch) (Back Flex)		2 1/2	2 7/8
Ultimate Strength (Kg/cm):		125	130
Ultimate Strength (lb/Inch):		700	730
Ultimate Elongation (%) :			
Pull Force* (kg/cm width) at pretension of:	0.5%	2.05	2.15
	1%	4.1	4.3
Pull Force* (lb/inch width) at pretension of:	0.5%	12	12.6
	1%	24	25.2
Electrode Splicing:	EVMW-7	✓	NR
	EVMW-9	NR	✓

- *Pull force – According to “Temperature Correction Factor”.

Belt material	Temperature Correction Factor						
	40°C/ 104°	45°C/ 113°F	50°C/ 122°F	55°C/ 131°F	60°C/ 140°F	65°C/ 149°F	70°C/ 158°F
MW – 95A/46D Shore	1	0.98	0.95	0.9	0.87	0.8	0.7

- English dimensions have been converted from Metric measurements.
 - All values are nominated and to the best of our experience are true and accurate.
 - 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.
 - Recommended only when splicing angle is greater than 17°.
- NR-Not Relevant