
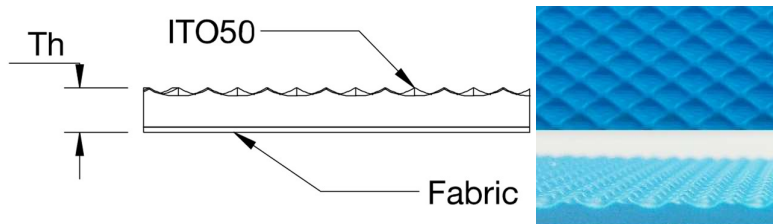


FRMB-ITO50

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

Material:	Volta MB	
Color (Indicative only)	Blue	
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:	FRMB-2.5-ITO50	
Belt Thickness (mm) :	2.5	
Belt Weight (kg/m²):	2.6	
Belt Weight (lb/ft²):	0.52	
Belt Min Pulley Diameter (mm) (Normal Flex)	32	
Belt Min Pulley Diameter (mm) (Back Flex)	64	
Belt Min Pulley Diameter (Inch) (Normal Flex)	1 1/4	
Belt Min Pulley Diameter (Inch) (Back Flex)	2 1/2	
Ultimate Strength (Kg/cm):	125	
Ultimate Strength (lb/Inch):	700	
Ultimate Elongation (%) :		
Pull Force* (kg/cm width) at pretension of:	0.5%	2.05
	1%	4.1
Pull Force* (lb/inch width) at pretension of:	0.5%	12
	1%	24
Electrode Splicing:	EVMB-7	✓
	EVMB-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
MB – 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**