
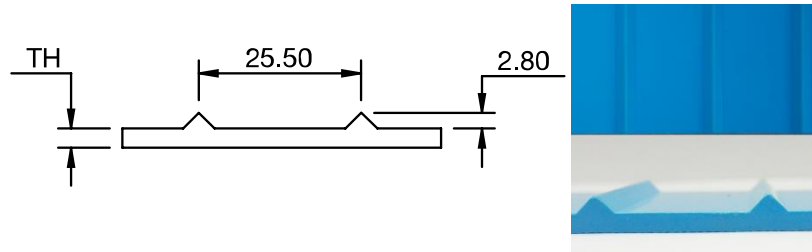


FMB-MC

Flat Belt, Bottom-Smooth, Top-MC (Mini Cleat)

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):	
Steel:	0.40
Aluminum:	0.40
Rubber:	0.50
UHMW:	0.30



Product:	FMB-3-MC	
Belt Thickness (mm)	3 // 5.8	
Belt Weight (kg/ m²):	4.15	
Belt Weight (lb/ ft²):	0.81	
Belt Min Pulley Diameter (mm)-Normal Flex	70	
Belt Min Pulley Diameter (mm)-Back Flex	50	
Belt Min Pulley Diameter (Inch)-Normal Flex	2 ³ / ₄	
Belt Min Pulley Diameter (Inch)-Back Flex	2	
Max. Workload (Kg/cm)	12	
Max. Workload (lb/inch)	67	
Pull Force* (kg/cm width) at pretension of:	0.5%	0.9
	1%	1.8
	1.5%	2.7
	2%	3.6
	2.5%	4.5
	3%	5.4
Pull Force* (lb/inch width) at pretension of:	0.5%	4.8
	1%	9.6
	1.5%	14.4
	2%	19.2
	2.5%	24
	3%	28.8
Electrode Splicing	EVMB 7	-
	EVMB 9	✓

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

Belt material	Temperature Correction Factor						
	40°C/ 104°F	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

- 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.
- English dimensions have been converted from Metric measurements.
- All values are nominated and to the best of our experience are true and accurate.