
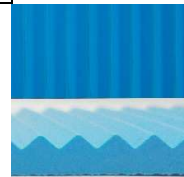
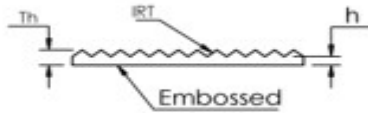


FEMB-IRT

Flat Belt, Bottom-Embossed, Top-IRT (Impression Roof Top)

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):	
Belt Embossed Bottom -Steel:	0.25



Product:		FEMB-3.5-IRT
Belt Thickness – h//H (mm)		2//3.5
Belt Weight (kg/ m²):		3.5
Belt Weight (lb/ ft²):		0.7
Belt Min Pulley Diameter (mm)-Normal Flex	Temperature >0°	40
	Temperature <0°	50
Belt Min Pulley Diameter (mm)-Back Flex		
Belt Min Pulley Diameter (Inch)-Normal Flex	Temperature >32F°	1 9/16
	Temperature <32F°	2
Belt Min Pulley Diameter (Inch)-Back Flex		
Max. Workload (Kg/cm)		8.6
Max. Workload (lb/inch)		47
Pull Force* (kg/cm width) at pretension of:	0.5%	0.5
	1%	1
	1.5%	1.5
	2%	2
	2.5%	2.5
	3%	3
Pull Force* (lb/inch width) at pretension of:	0.5%	2.8
	1%	5.6
	1.5%	8.4
	2%	11.2
	2.5%	14
	3%	16.8
Electrode Splicing	EVMB 7	-
	EVMB 9	✓

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

It 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.

Welding: The welding position must be on the peak. Cut the belt on the lower position and melt both sides up to the peak to joint the belt.