


FEMB - LT- ITM01 (LOW TEMPERATURE - MATT TOP)

Flat, Solid, Embossed Bottom, Matt Top Belt for Easy Release

Material:	Volta MB, Blue RAL5015
Hardness:	95A / 46D
Standard Belt Width:	78.74" / 2000 mm
Temp. Range:	-35°C to 50°C / -31°F to 120°F
Certification:	FDA / USDA / EU

Coefficient of friction	
Belt Embossed Bottom	
Steel:	0.25
Aluminum:	0.25

TYPE	FEMB-1 LT ITM01	
		
Thickness:	mm	1
Weight:	kg/m ²	1.2
	lb/ft ²	0.25
Minimum Pulley Base Belt: Temp ≥ 5° C / 41° F	mm	10
	Inch	0.4
Minimum Pulley Base Belt: Temp < 5° C / 41° F	mm	15
	Inch	0.59
Maximum Work Load:	Kg/cm	4.5
	lb/inch	25.2
Pull Force (kg/cm) at pretension of:	0.5%	0.13
	1%	0.26
	1.5%	0.39
	2%	0.59
	2.5%	0.65
	3%	0.78
Pull Force (lb/in) at pretension of:	0.5%	0.73
	1%	1.45
	1.5%	2.18
	2%	3.30
	2.5%	3.64
	3%	4.36

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. All values are nominal and to the best of our experience are true and accurate.
3. English dimensions have been converted from metric measurements.
4. Recommended splicing method: Finger Splice (with press).