
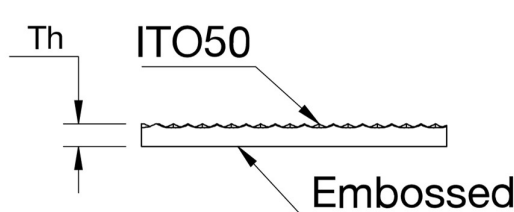


FEMW-ITO50

Flat Belt, Bottom-Embossed, 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):	
Belt Embossed Bottom -Steel:	0.25



Product:		FEMW-2.5-ITO50	FEMW-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		35	40
Belt Min Pulley Diameter (mm)-Back Flex		35	40
Belt Min Pulley Diameter (Inch)-Normal Flex		1 ³ / ₈	1 ⁵ / ₈
Belt Min Pulley Diameter (Inch)-Back Flex		1 ³ / ₈	1 ⁵ / ₈
Max. Workload (Kg/cm)		7.4	9.3
Max. Workload (lb/inch)		41.44	52.08
Pull Force* (kg/cm width) at pretension of:	0.5%	0.37	0.47
	1%	0.74	0.94
	1.5%	1.1	1.41
	2%	1.48	1.88
	3%	2.22	2.82
Pull Force* (lb/inch width) at pretension of:	0.5%	2.1	2.63
	1%	4.2	5.26
	1.5%	6.3	7.9
	2%	8.4	10.52
	3%	12.6	15.78
Electrode Splicing	EVMW 7	✓	-
	EVMW 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
MW– 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.