
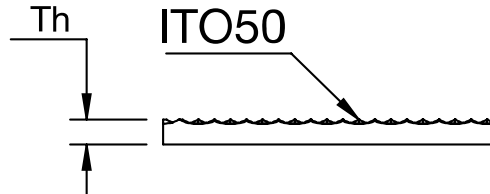


**FZ-ITO50**

**Flat Belt, Bottom-Smooth, Top-ITO50 (Impression Top Oval)**

Material:	<b>Volta Z</b>	
Color (Indicative only)	<b>Green</b>	
Hardness:	95A/46D	
Temp. Range (C°):	-30°C to 70°C	
Temp. Range (F°):	-20°F to 158°F	

Coefficient of friction (Dry):	
Steel:	0.36
Aluminum:	0.36
UHMW:	0.30



<b>Product:</b>	<b>FZ-5-ITO50</b>	
<b>Belt Thickness (mm)</b>	5	
<b>Belt Weight (kg/ m<sup>2</sup>):</b>	6	
<b>Belt Weight (lb/ ft<sup>2</sup>):</b>	1.23	
<b>Belt Min Pulley Diameter (mm)-Normal Flex</b>	80	
<b>Belt Min Pulley Diameter (mm)-Back Flex</b>	80	
<b>Belt Min Pulley Diameter (Inch)-Normal Flex</b>	3 1/8	
<b>Belt Min Pulley Diameter (Inch)-Back Flex</b>	3 1/8	
<b>Max. Workload (Kg/cm)</b>	18	
<b>Max. Workload (lb/inch)</b>	101	
<b>Pull Force* (kg/cm width) at pretension of:</b>	0.5%	1.35
	1%	2.7
	1.5%	4
	2%	5.4
	2.5%	6.75
	3%	8
<b>Pull Force* (lb/inch width) at pretension of:</b>	0.5%	7.2
	1%	14.4
	1.5%	21.6
	2%	28.8
	2.5%	36
	3%	43.2
<b>Electrode Splicing</b>	EVZ 7	-
	EVZ 9	✓
<b>Leister Setting</b>	EVZ 9	7.5 To 8.5

- \*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
<b>Z – 95A/46D Shore</b>	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.
- Leister setting relates to Type S and may vary according to specific welding conditions.