
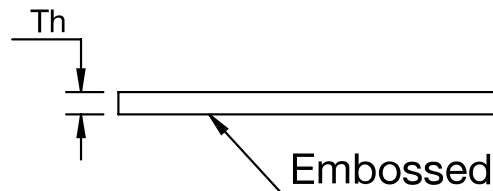


FEZ

Flat Belt, Bottom-Embossed, Top-Smooth

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

Coefficient of friction (Dry):	
Belt Smooth Top -Steel:	0.40
Belt Embossed Bottom -Steel:	0.20



Product:		FEZ-2	FEZ-2.5	FEZ-3	FEZ-4	FEZ-5
Belt Thickness (mm)		2	2.5	3	4	5
Belt Weight (kg/ m ²):		2.5	3.1	3.6	5	6.3
Belt Weight (lb/ ft ²):		0.5	0.62	0.74	1	1.25
Belt Min Pulley Diameter (mm)-Normal Flex		30	35	40	60	80
Belt Min Pulley Diameter (mm)-Back Flex		30	35	40	60	80
Belt Min Pulley Diameter (Inch)-Normal Flex		1 ^{3/16}	1 ^{3/8}	1 ^{5/8}	2 ^{3/8}	3 ^{1/8}
Belt Min Pulley Diameter (Inch)-Back Flex		1 ^{3/16}	1 ^{3/8}	1 ^{5/8}	2 ^{3/8}	3 ^{1/8}
Max. Workload (Kg/cm)		8	10	12	16	20
Max. Workload (lb/inch)		45	56	67	90	112
Pull Force* (kg/cm width) at pretension of:	0.5%	0.4	0.5	0.6	0.8	1
	1%	0.8	1	1.2	1.6	2.1
	1.5%	1.2	1.5	1.8	2.4	3.1
	2%	1.6	2	2.4	3.3	4.1
	2.5%	2	2.5	3.1	4.1	5.1
	3%	2.4	3	3.7	4.9	6.2
Pull Force* (lb/inch width) at pretension of:	0.5%	2.2	2.8	3.35	4.6	5.6
	1%	4.5	5.6	6.8	9.2	11.7
	1.5%	6.7	8.4	10.3	13.7	17.3
	2%	9	11.2	13.7	18.4	22.9
	2.5%	11.2	14	17.3	23	28.5
	3%	13.5	16.8	20.6	27.4	34.6
Electrode Splicing & Leister Setting	EVZ 7	6.5 to 7.5		-	-	-
	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
Z– 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.
- Leister setting related to Type S and may vary according to specific welding conditions.