



DM-TFE THIN WALL TUBING

High temperature PTFE heat shrink tubing (Teflon®)

Applications

This Teflon® based tubing is designed for protecting applications in extreme electrical, or mechanical environments. Thanks to its compound it has exceptional friction resistance and withstands even aggressive chemical solvents.

Features

Operating temperature: -65°C to +260°C
 Minimum full recovery temperature: 350°C
 Meet: SAE-AMS-DTL-23053/12
 Standard color: Clear (natural).

Shrink Ratio: 1.7:1 and 4:1 (available on request)

Technical Data

Property	Test Method	Typical Data
Specific gravity	ASTM D 792	2.30
Tensile strength	ASTM D 2671	≥17.3 MPa
Elongation at break	ASTM D 2671	≥200%
Heat Shock (400°/4hrs.)	ASTM D 2671	No cracking or dropping
Cold bend test (-65°C/4hrs.)	ASTM D 2671	No cracking
Volume resistance	ASTM D 2671	≥10 ¹⁸ Ω.cm
Dielectric strength	ASTM D 2671	≥ 34kV/mm
Copper Corrosion	UL 224	Pass
Flammability	ASTM D 2671	Self-extinguish
Fluid resistance	SAE-AMS-DTL-23053/12	Excellent
Water absorption	ASTM D 570	0.1 max

Dimensions

Size Inch. (D)	As Supplied (mm)		After Recovery (mm)	Standard length m/spool
	Inside Diameter Min. (D)	Inside Diameter max. (d)	Wall Thickness Nominal, (t)	
-	0.7±0.2	≤0.4	0.25±0.05	200
3/64	1.0±0.2	≤0.5	0.25±0.05	200
1/16	1.5±0.2	≤0.9	0.25±0.05	200
-	2.0±0.2	≤1.3	0.30±0.05	200
3/32	2.5±0.2	≤1.5	0.30±0.05	200
1/8	3.0±0.2	≤1.8	0.30±0.05	200
-	3.5±0.2	≤2.0	0.30±0.05	200
-	3.8±0.2	≤2.0	0.30±0.05	200
-	4.0±0.3	≤2.5	0.30±0.05	200
3/16	4.5±0.3	≤2.8	0.30±0.05	100
-	5.0±0.3	≤3.0	0.30±0.05	100
1/4	6.0±0.3	≤3.8	0.38±0.05	100
-	7.0±0.3	≤4.0	0.38±0.05	100
-	8.0±0.3	≤4.8	0.38±0.05	100
3/8	9.0±0.3	≤5.0	0.38±0.05	100
-	11.0±0.3	≤6.0	0.38±0.05	100

