

PTFE- Heat-Shrink Tubing

FITCOTUBE® TF/TFR

Heat-shrink PTFE tubing with extreme chemical and thermal stability. Electrical insulation of components, wires and harnesses in high temperature environments.

Operating temperature:	- 67° C to + 250° C, short time up to + 400° C
Shrink temperature:	+ 327° C
Shrink ratio:	1.5 – 3.5: 1
Standard color:	Clear
Authorizations:	MIL-I-23053/12, AMS 3584 & 3585

Description	Inner diameter (mm)		Wall thickness (mm)
	as supplied (min.)	after shrinkage (max.)	after shrinkage (nom.)
TF-30	0.86	0.38	0.23
TF-28	0.97	0.46	0.23
TF-26	1.17	0.56	0.23
TF-24	1.27	0.64	0.25
TF-22	1.40	0.80	0.25
TF-20	1.52	0.97	0.30
TF-18	1.93	1.17	0.30
TF-16	2.35	1.45	0.30
TF-14	3.05	1.82	0.30
TF-12	3.81	2.26	0.30
TF-10	4.85	2.80	0.30
TF-8	6.10	3.55	0.38
TF-6	7.67	4.40	0.38
TF-4	9.40	5.45	0.38
TF-2	10.90	6.90	0.38
TF-0	11.95	8.56	0.38
TFR 5/64	1.98	0.64	0.22
TFR 1/8	3.18	0.94	0.25
TFR 1/4	6.35	1.60	0.30
TFR 3/8	9.52	2.44	0.30
TFR 1/2	12.70	3.66	0.38
TFR 5/8	15.88	4.52	0.38
TFR 3/4	19.05	5.70	0.38
TFR 1	25.40	7.06	0.38
TFR 1 1/4	31.75	8.82	0.38
TFR 1 1/2	38.10	10.20	0.38

Packaging:	1.2-meter lengths. On spools on request. Thin-walled dimensions on request.
Processing note:	Care for clean and accurate cutting edge. Start shrinkage on the end. Pre-heat metal body.

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Attributes	Testing	Value
Mechanical		
Tensile strength	ISO 527	29 - 39 N/mm ²
Ultimate elongation	ISO 527	200 - 500 %
Water absorption	-	< 0.05
Thermal		
Fire behavior	-	incombustible
Electrical		
Dielectric strength	IEC 60243-2	> 40kV/mm