

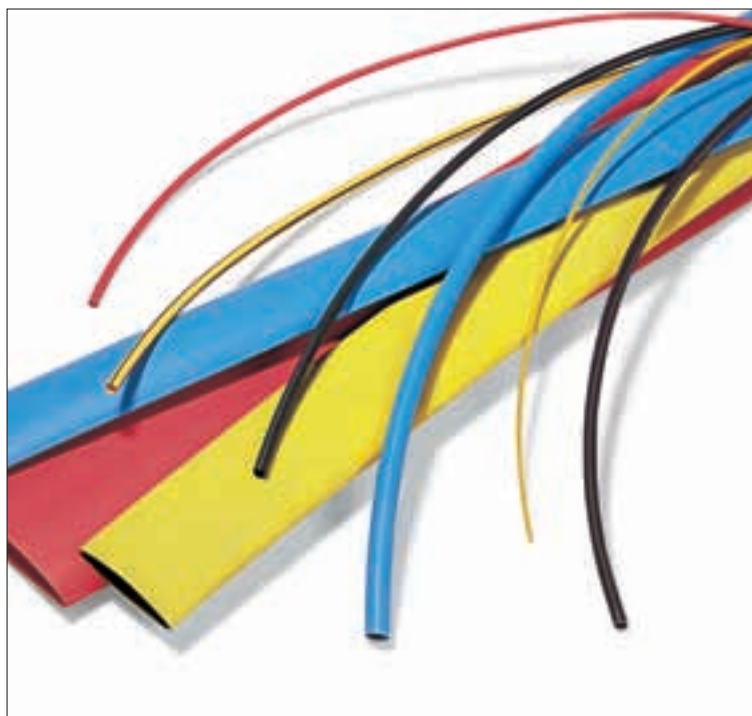


TF21

Features and Benefits

Quick and easy shrinking TF21 tubing is widely used for insulating, mechanical protection, strain relief, marking, and bundling.

The excellent balance of electrical, mechanical and chemical properties meet and exceed industrial standards. TF21 is UL-224 listed and available in a wide range of sizes and colours. A 3:1 shrink ratio version is also available as TF31.



TF21 – available in a wide range of colours and sizes.



Material Data

Material	Polyolefin, cross-linked (POX)
Shrink Ratio	2:1
Operating Temperature	-55 °C to +135 °C
Minimum Shrink Temperature	+90 °C
Flammability	ASTM D876
Longitudinal change after shrinkage	+/- 5%
Dielectric Strength	37 kV/mm
Specification	UL224 VW-1, BMW MV2307, NFF 00-608, CSA



Technical Table

Type	Supplied Ø D	Recov. Ø d	Wall (WT) nom.
TF21 1.2/0.6	1.2	0.6	0.41
TF21 1.6/0.8	1.6	0.8	0.43
TF21 2.4/1.2	2.4	1.2	0.51
TF21 3.2/1.6	3.2	1.6	0.51
TF21 4.8/2.4	4.8	2.4	0.51
TF21 6.4/3.2	6.4	3.2	0.64
TF21 9.5/4.8	9.5	4.8	0.64
TF21 12.7/6.4	12.7	6.4	0.64
TF21 19.1/9.5	19.1	9.5	0.76
TF21 25.4/12.7	25.4	12.7	0.89
TF21 38.1/19.1	38.1	19.1	1.02
TF21 50.8/25.4	50.8	25.4	1.14
TF21 76.2/38.1	76.2	38.1	1.27
TF21 101.6/50.8	101.6	50.8	1.40

All dimensions in mm. Subject to technical changes.



Please note! Not every product listed carries these approvals! For Product Specific Approvals please refer to the Appendix.



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Technical Table

Article-No.	Type	Colour	Pack Cont. (m)
309-10120	TF21 1.2/0.6	Black (BK)	300
309-20129	TF21 1.2/0.6	White (WH)	100
309-20122	TF21 1.2/0.6	Red (RD)	100
309-20124	TF21 1.2/0.6	Yellow (YE)	100
309-20126	TF21 1.2/0.6	Blue (BU)	100
309-10160	TF21 1.6/0.8	Black (BK)	300
309-20169	TF21 1.6/0.8	White (WH)	100
309-20162	TF21 1.6/0.8	Red (RD)	100
309-20164	TF21 1.6/0.8	Yellow (YE)	100
309-20166	TF21 1.6/0.8	Blue (BU)	100
309-10240	TF21 2.4/1.2	Black (BK)	300
309-20249	TF21 2.4/1.2	White (WH)	100
309-20242	TF21 2.4/1.2	Red (RD)	100
309-20244	TF21 2.4/1.2	Yellow (YE)	100
309-20246	TF21 2.4/1.2	Blue (BU)	100
309-40247	TF21 2.4/1.2	Green-Yellow (GNYE)	100
309-10320	TF21 3.2/1.6	Black (BK)	300
309-20329	TF21 3.2/1.6	White (WH)	100
309-20322	TF21 3.2/1.6	Red (RD)	100
309-20324	TF21 3.2/1.6	Yellow (YE)	100
309-20326	TF21 3.2/1.6	Blue (BU)	100
309-40327	TF21 3.2/1.6	Green-Yellow (GNYE)	100
309-10480	TF21 4.8/2.4	Black (BK)	300
309-50489	TF21 4.8/2.4	White (WH)	60
309-50482	TF21 4.8/2.4	Red (RD)	60
309-50484	TF21 4.8/2.4	Yellow (YE)	60
309-50486	TF21 4.8/2.4	Blue (BU)	60
309-50487	TF21 4.8/2.4	Green-Yellow (GNYE)	60
309-10640	TF21 6.4/3.2	Black (BK)	300
309-50649	TF21 6.4/3.2	White (WH)	60
309-50642	TF21 6.4/3.2	Red (RD)	60
309-50644	TF21 6.4/3.2	Yellow (YE)	60
309-50646	TF21 6.4/3.2	Blue (BU)	60
309-50647	TF21 6.4/3.2	Green-Yellow (GNYE)	60
309-10950	TF21 9.5/4.8	Black (BK)	150
309-20959	TF21 9.5/4.8	White (WH)	50
309-20952	TF21 9.5/4.8	Red (RD)	50
309-20954	TF21 9.5/4.8	Yellow (YE)	50
309-20956	TF21 9.5/4.8	Blue (BU)	50
309-50957	TF21 9.5/4.8	Green-Yellow (GNYE)	60



Detailed Information
about Heatguns
please refer to page 421.



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Technical Table

Article-No.	Type	Colour	Pack Cont. (m)
309-11270	TF21 12.7/6.4	Black (BK)	100
309-21279	TF21 12.7/6.4	White (WH)	50
309-21272	TF21 12.7/6.4	Red (RD)	50
309-21274	TF21 12.7/6.4	Yellow (YE)	50
309-21276	TF21 12.7/6.4	Blue (BU)	50
309-41277	TF21 12.7/6.4	Green-Yellow (GNYE)	50
309-11900	TF21 19.0/9.5	Black (BK)	50
309-11909	TF21 19.0/9.5	White (WH)	50
309-11902	TF21 19.0/9.5	Red (RD)	50
309-11904	TF21 19.0/9.5	Yellow (YE)	50
309-11906	TF21 19.0/9.5	Blue (BU)	50
309-11907	TF21 19.0/9.5	Green-Yellow (GNYE)	50
309-12540	TF21 25.4/12.7	Black (BK)	50
309-12549	TF21 25.4/12.7	White (WH)	50
309-12542	TF21 25.4/12.7	Red (RD)	50
309-12544	TF21 25.4/12.7	Yellow (YE)	50
309-12546	TF21 25.4/12.7	Blue (BU)	50
309-12547	TF21 25.4/12.7	Green-Yellow (GNYE)	50
309-13810	TF21 38.0/19.0	Black (BK)	60
309-13819	TF21 38.0/19.0	White (WH)	60
309-13812	TF21 38.0/19.0	Red (RD)	60
309-13814	TF21 38.0/19.0	Yellow (YE)	60
309-13816	TF21 38.0/19.0	Blue (BU)	60
309-13817	TF21 38.0/19.0	Green-Yellow (GNYE)	60
309-15080	TF21 50.8/25.4	Black (BK)	60
309-15089	TF21 50.8/25.4	White (WH)	60
309-15082	TF21 50.8/25.4	Red (RD)	60
309-15084	TF21 50.8/25.4	Yellow (YE)	60
309-15086	TF21 50.8/25.4	Blue (BU)	60
309-15087	TF21 50.8/25.4	Green-Yellow (GNYE)	60
309-17600	TF21 76.0/38.0	Black (BK)	30
309-17609	TF21 76.0/38.0	White (WH)	30
309-17602	TF21 76.0/38.0	Red (RD)	30
309-17604	TF21 76.0/38.0	Yellow (YE)	30
309-17606	TF21 76.0/38.0	Blue (BU)	30
309-11020	TF21 101.6/50.8	Black (BK)	15
309-11029	TF21 101.6/50.8	White (WH)	15
309-11022	TF21 101.6/50.8	Red (RD)	15
309-11024	TF21 101.6/50.8	Yellow (YE)	15
309-11026	TF21 101.6/50.8	Blue (BU)	15

Cut lengths
available on request.
Please contact us!