



### Heat shrinkable tubing 2:1 - flexible and coloured

#### TF21

Due to its versatility TF21 is suitable for a wide range of applications like electrical insulations, mechanical protection and marking.

#### Features and benefits

- Thin wall, flexible polyolefin tubing
- Fast shrinking and low shrink temperature
- Meets and exceeds lots of industrial standards
- Big variety of different colours and sizes
- Flame retarded and UL224 VW1 listed



**Cut lengths available on request. Please contact us!**



One Step to the Web!



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

<b>MATERIAL</b>	Polyolefin, cross-linked (PO-X)
<b>Shrink Ratio</b>	2:1
<b>Operating Temperature</b>	-55 °C to +135 °C
<b>Min. Shrink Temperature</b>	+90 °C
<b>Longitudinal change after shrinkage</b>	+/- 5 %
<b>Dielectric Strength</b>	37 kV/mm
<b>Flammability</b>	ASTM D876

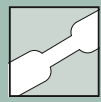


TYPE	Supplied Ø D min.	Size (imperial)	Recov. Ø d max.	Wall (WT)	Reel Length	Colour	Tools	Article-No.
TF21-1.2/0.6	1.2	3/64 "	0.6	0.41	100 m	Blue (BU)	30-32	309-20126
	1.2	3/64 "	0.6	0.41	100 m	Red (RD)	30-32	309-20122
	1.2	3/64 "	0.6	0.41	100 m	White (WH)	30-32	309-20129
	1.2	3/64 "	0.6	0.41	100 m	Yellow (YE)	30-32	309-20124
	1.2	3/64 "	0.6	0.41	300 m	Black (BK)	30-32	309-10120
TF21-1.6/0.8	1.6	1/16 "	0.8	0.43	100 m	Blue (BU)	30-32	309-20166
	1.6	1/16 "	0.8	0.43	100 m	Red (RD)	30-32	309-20162
	1.6	1/16 "	0.8	0.43	100 m	White (WH)	30-32	309-20169
	1.6	1/16 "	0.8	0.43	100 m	Yellow (YE)	30-32	309-20164
	1.6	1/16 "	0.8	0.43	300 m	Black (BK)	30-32	309-10160
TF21-2.4/1.2	2.4	3/32 "	1.2	0.51	100 m	Blue (BU)	30-32	309-20246
	2.4	3/32 "	1.2	0.51	100 m	Green-Yellow (GNYE)	30-32	309-40247
	2.4	3/32 "	1.2	0.51	100 m	Red (RD)	30-32	309-20242
	2.4	3/32 "	1.2	0.51	100 m	White (WH)	30-32	309-20249
	2.4	3/32 "	1.2	0.51	100 m	Yellow (YE)	30-32	309-20244
	2.4	3/32 "	1.2	0.51	300 m	Black (BK)	30-32	309-10240

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.



For product specific approvals and specifications please refer to the Appendix.



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TYPE	Supplied Ø D min.	Size (imperial)	Recov. Ø d max.	Wall (WT)	Reel Length	Colour	Tools	Article-No.
TF21-3.2/1.6	3.2	1/8 "	1.6	0.51	100 m	Blue (BU)	30-32	309-20326
	3.2	1/8 "	1.6	0.51	100 m	Green-Yellow (GNYE)	30-32	309-40327
	3.2	1/8 "	1.6	0.51	100 m	Red (RD)	30-32	309-20322
	3.2	1/8 "	1.6	0.51	100 m	White (WH)	30-32	309-20329
	3.2	1/8 "	1.6	0.51	100 m	Yellow (YE)	30-32	309-20324
	3.2	1/8 "	1.6	0.51	300 m	Black (BK)	30-32	309-10320
TF21-4.8/2.4	4.8	3/16 "	2.4	0.51	60 m	Blue (BU)	30-32	309-50486
	4.8	3/16 "	2.4	0.51	60 m	Green-Yellow (GNYE)	30-32	309-50487
	4.8	3/16 "	2.4	0.51	60 m	Red (RD)	30-32	309-50482
	4.8	3/16 "	2.4	0.51	60 m	White (WH)	30-32	309-50489
	4.8	3/16 "	2.4	0.51	60 m	Yellow (YE)	30-32	309-50484
	4.8	3/16 "	2.4	0.51	300 m	Black (BK)	30-32	309-10480
TF21-6.4/3.2	6.4	1/4 "	3.2	0.64	60 m	Blue (BU)	30-32	309-50646
	6.4	1/4 "	3.2	0.64	60 m	Green-Yellow (GNYE)	30-32	309-50647
	6.4	1/4 "	3.2	0.64	60 m	Red (RD)	30-32	309-50642
	6.4	1/4 "	3.2	0.64	60 m	White (WH)	30-32	309-50649
	6.4	1/4 "	3.2	0.64	60 m	Yellow (YE)	30-32	309-50644
	6.4	1/4 "	3.2	0.64	300 m	Black (BK)	30-32	309-10640
TF21-9.5/4.8	9.5	3/8 "	4.8	0.64	50 m	Blue (BU)	30-32	309-20956
	9.5	3/8 "	4.8	0.64	50 m	Green-Yellow (GNYE)	30-32	309-50957
	9.5	3/8 "	4.8	0.64	50 m	Red (RD)	30-32	309-20952
	9.5	3/8 "	4.8	0.64	50 m	White (WH)	30-32	309-20959
	9.5	3/8 "	4.8	0.64	50 m	Yellow (YE)	30-32	309-20954
	9.5	3/8 "	4.8	0.64	150 m	Black (BK)	30-32	309-10950
TF21-12.7/6.4	12.7	1/2 "	6.4	0.64	50 m	Blue (BU)	30-32	309-21276
	12.7	1/2 "	6.4	0.64	50 m	Green-Yellow (GNYE)	30-32	309-41277
	12.7	1/2 "	6.4	0.64	50 m	Red (RD)	30-32	309-21272
	12.7	1/2 "	6.4	0.64	50 m	White (WH)	30-32	309-21279
	12.7	1/2 "	6.4	0.64	50 m	Yellow (YE)	30-32	309-21274
	12.7	1/2 "	6.4	0.64	100 m	Black (BK)	30-32	309-11270

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.

Recommended Tools			
	30	31	32
	H5002	H5004	E4500
	568	568	567

For more information on toolings please refer to the Application Tooling chapter.

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TYPE	Supplied Ø D min.	Size (imperial)	Recov. Ø d max.	Wall (WT)	Reel Length	Colour	Tools	Article-No.
TF21-19.1/9.5	19.1	3/4 "	9.5	0.76	50 m	Black (BK)	30-32	309-11900
	19.1	3/4 "	9.5	0.76	50 m	Blue (BU)	30-32	309-11906
	19.1	3/4 "	9.5	0.76	50 m	Green-Yellow (GNYE)	30-32	309-11907
	19.1	3/4 "	9.5	0.76	50 m	Red (RD)	30-32	309-11902
	19.1	3/4 "	9.5	0.76	50 m	White (WH)	30-32	309-11909
	19.1	3/4 "	9.5	0.76	50 m	Yellow (YE)	30-32	309-11904
TF21-25.4/12.7	25.4	1 "	12.7	0.89	50 m	Black (BK)	30-32	309-12540
	25.4	1 "	12.7	0.89	50 m	Blue (BU)	30-32	309-12546
	25.4	1 "	12.7	0.89	50 m	Green-Yellow (GNYE)	30-32	309-12547
	25.4	1 "	12.7	0.89	50 m	Red (RD)	30-32	309-12542
	25.4	1 "	12.7	0.89	50 m	White (WH)	30-32	309-12549
	25.4	1 "	12.7	0.89	50 m	Yellow (YE)	30-32	309-12544
TF21-38.0/19.0	38.1	1-1/2 "	19.1	1.02	60 m	Black (BK)	30-32	309-13810
	38.1	1-1/2 "	19.1	1.02	60 m	Blue (BU)	30-32	309-13816
	38.1	1-1/2 "	19.1	1.02	60 m	Green-Yellow (GNYE)	30-32	309-13817
	38.1	1-1/2 "	19.1	1.02	60 m	Red (RD)	30-32	309-13812
	38.1	1-1/2 "	19.1	1.02	60 m	White (WH)	30-32	309-13819
	38.1	1-1/2 "	19.1	1.02	60 m	Yellow (YE)	30-32	309-13814
TF21-50.8/25.4	50.8	2 "	25.4	1.14	60 m	Black (BK)	30-32	309-15080
	50.8	2 "	25.4	1.14	60 m	Blue (BU)	30-32	309-15086
	50.8	2 "	25.4	1.14	60 m	Green-Yellow (GNYE)	30-32	309-15087
	50.8	2 "	25.4	1.14	60 m	Red (RD)	30-32	309-15082
	50.8	2 "	25.4	1.14	60 m	White (WH)	30-32	309-15089
	50.8	2 "	25.4	1.14	60 m	Yellow (YE)	30-32	309-15084
TF21-76.0/38.0	76.2	3 "	38.1	1.27	30 m	Black (BK)	-	309-17600
	76.2	3 "	38.1	1.27	30 m	Blue (BU)	-	309-17606
	76.2	3 "	38.1	1.27	30 m	Red (RD)	-	309-17602
	76.2	3 "	38.1	1.27	30 m	White (WH)	-	309-17609
	76.2	3 "	38.1	1.27	30 m	Yellow (YE)	-	309-17604
TF21-101.6/50.8	101.6	4 "	50.8	1.40	15 m	Black (BK)	-	309-11020
	101.6	4 "	50.8	1.40	15 m	Blue (BU)	-	309-11026
	101.6	4 "	50.8	1.40	15 m	Red (RD)	-	309-11022
	101.6	4 "	50.8	1.40	15 m	White (WH)	-	309-11029
	101.6	4 "	50.8	1.40	15 m	Yellow (YE)	-	309-11024

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content.

Recommended Tools			
	30 H5002	31 H5004	32 E4500
	568	568	567

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