



### 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



Heat Shrinkable Tubing 2:1

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

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Recommended Tools			
	30	31	32
	H5002	H5004	E4500
	568	568	567

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

EN 45545-2

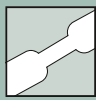


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For product specific approvals and specifications please refer to the Appendix.



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TYPE	Supplied Ø D min.	Size (imperial)	Recov. Ø d max.	Wall (WT)	Reel Length	Colour	Tools	Article-No.
TF21-19.1/9.5	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

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Recommended Tools			
	30 H5002	31 H5004	32 E4500
	568	568	567

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

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