

Printable Heatshrink and Limited Fire Hazard Tubing TLFP, THXL, TSFM, TOHXL

Polyolefin Heatshrink and LFPT Tubing have excellent mechanical strength, good resistance to organic solvents and chemicals. They are resistant to cold flow, are self-extinguishing and highly flexible.

The material is supplied flat on reels that fit neatly into printer, either with or without a perforation.

Details about lengths and colours are available upon request.



Material Specification - THXL

Material	Polyolefin, crosslinked (PEX)
Shrink Ratio	2:1
Shrink Temperature	From +110°C
Colours	White (WE) and yellow (YW)
Operating Temperature	-55°C to +105°C
Recommended Ribbon	TTRA

Material Specification - TSFM

Material	Polyolefin, crosslinked (PEX)
Shrink Ratio	3:1
Longitudinal change	-5% max
Shrink Temperature	From +110°C
Colours	White (WE) and yellow (YW)
Operating Temperature	-55°C to +135°C, intermittent +225°C
Flammability	Self extinguishing to VG95343
Dielectric Strength	25KV/mm
Material Specification	DEF STAN 59-97, BS-G 198 Pt 3,
Recommended Ribbon	TTRC+

Ordering Information and Technical Data

Part Number	Dimension Inside f D mm (min)	Dimension after full recovery Inside f d (mm max)	Wall Thickness W (mm nom.)
Commercial Grade Heatshrink 2:1			
THXL32	3.2	1.6	0.50
THXL48	4.8	2.4	0.50
THXL64	6.4	3.2	0.60
THXL95	9.5	4.7	0.60
THXL127	12.7	6.4	0.60
THXL190	19.0	9.5	0.80
THXL254	25.4	12.7	0.90
THXL381	38.1	19.1	1.00
Military Grade Heatshrink 3:1			
TSFM3-1	3.0	1.0	0.60
TSFM6-2	6.0	2.0	0.60
TSFM9-3	9.0	3.0	0.70
TSFM12-4	12.0	4.0	0.70
TSFM18-6	18.0	6.0	0.70
TSFM24-8	24.0	8.0	1.00
TSFM39-13	39.0	13.0	1.10
LFH Grade Heatshrink 2:1			
TOHXL 32	3.2	1.6	0.5
TOHXL 48	4.8	2.4	0.5
TOHXL 64	6.4	3.2	0.64
TOHXL 95	9.5	4.7	0.64
TOHXL 127	12.7	6.4	0.64
TOHXL 190	19.0	9.5	0.76
TOHXL 254	25.4	12.7	0.89
TOHXL 381	38.1	19.1	1.02

Material Specification TOHXL

Material	Polyolefin, crosslinked (PEX)
Shrink Ratio	2:1
Shrink Temperature	120°C
Colours	White (WE) and yellow (YW)
Operating Temperature	-40°C to +105°C, intermittent +135°C
Flammability	Self extinguishing to ASTM D635
Dielectric strength	20KV/mm
Material Specification	DEF STAN 59-97, BS-G 198 Pt 3,
Fire performance	Limited Fire Hazard, Low flammability, Halogen free, Low smoke, low toxicity
Recommended Ribbon	TTRC+