

LTP Series

Polyolefin Heat Shrink Tubing

pro-POWER

RoHS
Compliant



Description:

The LTP series is the most flexible of the heat-shrinkable, polyolefin tubings. The LTP series has been engineered to offer a low shrink temperature. This allows the tubing to shrink rapidly, thereby minimizing heat exposure and possible damage to sensitive substrate materials or components.

Specifications:

Shrink Ratio	: 2:1
Shrink Temperature	: 100°C (212°F)
Colour	: Black

Physical

Tensile Strength	: 2100 PSI
Ultimate Elongation	: 450%
Longitudinal Change	: ±5%
Secant Modulus (2%)	: 11,000 PSI
Heat Aging	: Elongation
(168 hrs @ 175°C)	200% (Min) 250%
Heat Shock (4 hrs @ 250°C)	: No dripping, cracking, passes mandrel wrap test
Low Temperature Flexibility (4 hrs @ -55°C)	: No Cracking
Flexibility*	: 2

Electrical

Dielectric Strength	: 800V/mil
Volume Resistivity	: 10 ¹⁴ Ω-cm

Chemical

Corrosive Effect	: Non-corrosive
Solvent Resistance	
Tensile Strength	: 750 PSI
Dielectric Strength	: 400V/mil
Water Absorption	: 0.2%
Fungus Resistance	: Non-nutrient
Applicable Specifications	: MIL-R-46846 Type V, AMS-3587

The technical information provided consists of typical product data and should not be used for specification purposes. Unless otherwise noted, all tests are performed at room temperature.

*Flexibility : The materials are rated on a scale of 1-10.

1=most flexible and 10=most rigid

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Dimensions				Standard Packages					
			Recovered	4 Foot Lengths(+1", -0")			6 Inch Lengths(± 0.125")		
Size	Expanded I.D. (Min)	Recovered I.D. (Max)	Nominal Wall Thickness	Part Number	Qty	Total Footage	Part Number	Qty	Total Footage
3/64"	0.046"	0.023"	0.016"	LTP-003-4025-BLK	25	100FT	NA	---	---
1/16"	0.063"	0.031"	0.017"	NA	---	---	LTP-004-6036-BLK	36	18FT
1/8"	0.125"	0.062"	0.020"	LTP-008-4025-BLK	25	100FT	LTP-008-6028-BLK	28	14FT
3/16"	0.187"	0.093"	0.020	LTP-012-4025-BLK	25	100FT	NA	---	---
1/4"	0.250"	0.125"	0.025	LTP-016 4025-BLK	25	100FT	NA	---	---
3/8"	0.375"	0.187"	0.025	LTP-024-4025-BLK	25	100FT	LTP-024-6016-BLK	16	8FT
1/2"	0.500"	0.250"	0.025	LTP-032-4005-BLK	5	20FT	NA	---	---
3/4"	0.750"	0.375"	0.030	LTP-048-4005-BLK	5	20FT	NA	---	---
1"	1.000"	0.500"	0.035"	LTP-064-4005-BLK	5	20FT	NA	---	---
1 1/2 "	1.500"	0.750"	0.040"	LTP-096-4005-BLK	5	20FT	NA	---	---

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