



REVISIONS				DOC. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1398				
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1534	D	Removed LTP-004-4025-BLK	JWM	5/14/03	JC	5/20/03	JC	5/20/03
1857	E	RoHS Added	DCM	12/12/05	JWM	3/17/06	JWM	3/17/06

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.



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

Dimensions				Standard Packages					
			Recovered	4 Foot Lengths (+1", -0")			6 Inch Lengths (±.125")		
Size	Expanded I.D.	Recovered I.D.	Nominal Wall Thickness	SPC Type No.	Qty	Total Footage	SPC Type No.	Qty	Total Footage
3/64"	.046"	.023"	.016"	LTP-003-4025-BLK	25	100 FT	LTP-003-6040-BLK	40	20 FT
1/16"	.063"	.031"	.017"	N/A			LTP-004-6036-BLK	36	18 FT
3/32"	.093"	.046"	.020"	LTP-006-4025-BLK	25	100 FT	LTP-006-6018-BLK	32	16 FT
1/8"	.125"	.062"	.020"	LTP-008-4025-BLK	25	100 FT	LTP-008-6028-BLK	28	14 FT
3/16"	.187"	.093"	.020"	LTP-012-4025-BLK	25	100 FT	LTP-012-6025-BLK	24	12 FT
1/4"	.250"	.125"	.025"	LTP-016-4025-BLK	25	100 FT	LTP-016-6020-BLK	20	10 FT
3/8"	.375"	.187"	.025"	LTP-024-4025-BLK	25	100 FT	LTP-024-6020-BLK	16	8 FT
1/2"	.500"	.250"	.025"	LTP-032-4005-BLK	5	20 FT	LTP-032-6016-BLK	14	7 FT
3/4"	.750"	.375"	.030"	LTP-048-4005-BLK	5	20 FT	LTP-048-6012-BLK	12	6 FT
1"	1.000"	.500"	.035"	LTP-064-4005-BLK	5	20 FT	LTP-064-6008-BLK	8	4 FT
1 1/2"	1.500"	.750"	.040"	LTP-096-4005-BLK	5	20 FT	N/A	---	---
2"	2.000"	1.000"	.045"	LTP-128-4005-BLK	5	20 FT	N/A	---	---

TYPICAL PROPERTIES

Physical

Tensile Strength 2100 PSI
 Ultimate Elongation 450%
 Longitudinal Change ±5%
 Secant Modulus (2%) 11,000 PSI
 Heat Aging (168 hrs @ 175°C) Elongation 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
 Flammability Self extinguishing meets UL 224 all tubing flame test

Flexibility*: 2

Electrical

Dielectric Strength 800 V/mil
 Volume Resistivity 10¹⁴ ohm-cm

Chemical

Corrosive Effect Non-corrosive
 Solvent Resistance
 Tensile Strength 750 PSI
 Dielectric Strength 400 V/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

SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	JAP	1/22/92	LTP Series - Polyolefin Heat Shrink Tubing			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	JC	1/29/92	A	TA-403	TA-403.dwg	E
APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: INCHES [mm]		SHEET: 1 OF 1
JC	1/29/92					

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