



REVISIONS

DOC. NO. SPC-F004 * Effective: 7/8/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1199	D	Renamed--was FPFA-0**-60**-AST & Updated	JWM	3/1/02	JC	3/1/02	JC	3/1/02
1857	D	RoHS Added	DCM	12	JWM	3/17/06	JWM	3/17/06

The **FPFA** Series is a Flame Retardant Flexible Polyolefin tubing.
It meets MIL-DTL-23053/5, Class 3 requirements. It can be used
for fire-resistant component coverings and flammable wire assemblies,
as well as lightweight harness covering, wire marking and wire bundling.
It is UL Recognized and CSA Certified at 600 volts at 125°C.
Packaged in 6 inch lengths; color black.

Shrink Ratio: 2:1 Shrink Temp.: 212°F [100°C] Operating Temp.: -67°F~-275°F [-55°C ~ 135°C]

SPC Type No.	SIZE (I.D.)	Package Quantity
FPFA-003-6030-AST	3/64" to 3/16"	30 pieces
FPFA-016-6016-AST	1/4" to 3/4"	16 Pieces
FPFA-064-6010-AST	1" to 4"	10 Pieces

TYPICAL PROPERTIES:

Physical

TENSILE STRENGTH	2400 PSI
ULTIMATE ELONGATION	400%
LONGITUDINAL CHANGE	+1, -10%
SECANT MODULUS (2%)	13,000 PSI
SPECIFIC GRAVITY	1.5 G/CM ² MAX.
HEAT AGING (168 HRS @ 175°C)	ELONGATION 175%
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 VW-1 TEST

RoHS
Compliant

Electrical

DIELECTRIC STRENGTH:	900 V/MIL
VOLUME RESISTIVITY	10 ¹⁵ OHM-CM

Chemical

CORROSIVE EFFECT	NON-CORROSIVE
SOLVENT RESISTANCE	
TENSILE STRENGTH	1000 PSI
DIELECTRIC STRENGTH	400 V/MIL
WATER ABSORPTION	0.2%
FUNGUS RESISTANCE	NON-NUTRIENT

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.

SPC-F004.DWG

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:			
	JAP	7/10/92	Heat-Shrinkable Tubing Assortment Kits			
	CHECKED BY:	DATE:	SIZE	DWG. NO.	ELECTRONIC FILE	REV
	JC	7/13/92	A	TA-500	TA-500.dwg	D
	APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: INCHES [mm]	SHEET: 1 OF 1
	JL	7/15/92				

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