

FIT® Preferred Heat Shrink Products

SEMI-RIGID IRRADIATED POLYOLEFIN

FIT®-295

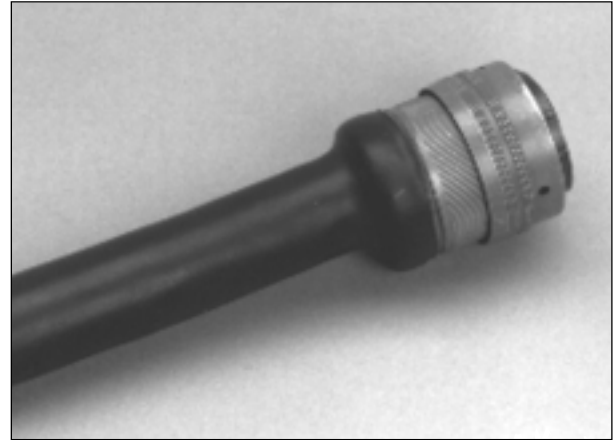
MIL-DTL-23053/6D,
CLASS 1, 2
UL STANDARD 224
CSA STANDARD 198

CHOOSE **FIT**®-295 FOR:

- 30% Stronger Than Standard Polyolefin
- 25% Stiffer Than Standard Polyolefin
- Low Water Absorption
- Resistance to Water, Fungus, UV Light

FIT®-295 APPLICATIONS:

- Strength and Stiffness Make it Excellent for Strain Relief Applications
- Heavy Duty Cable/Connector Protection
- Electrical Cable Splices
- Crimp Terminals
- Solder Joints



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CHARACTERISTICS

OPERATING TEMPERATURE:

- -55°C to 135°C

SHRINKAGE RATIO:

- Approximately 2 to 1 at 135°C

COLOR DESCRIPTION:

- 3/64 Inch: Yellow, Black, Clear
- 1/16 Inch: White, Black, Clear
- 3/32 Inch: Blue, Black, Clear
- 1/8 Inch: Red, Black, Clear
- 3/16 Inch: Green, Black, Clear
- 1/4 Inch: Slate, Black, Clear
- 3/8 Inch: Brown, Black, Clear
- 1/2 Inch: White, Black, Clear

PHYSICAL PROPERTIES:

- Tensile Strength: 2000 psi, (141 kg/cm²)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: -5%
- Specific Gravity: 1.35
- Flammability: Self-Extinguishing

CHEMICAL PROPERTIES:

- Corrosive Effect: Non-Corrosive
- Fungus Resistance: No Growth
- Water Absorption: 0.5%

ELECTRICAL PROPERTIES:

- Dielectric Strength: 500V/mil (197 kV/cm)
- Volume Resistivity: 10¹⁴ ohm-cm

Alpha Part No. and Size	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Rec. Wall Thickness		Std. Pkg.	
	Inches	mm	Inches	mm	Inches	mm	4 Ft. Total Ftg.	No. Cut Pieces 6 Inch
FIT-295-3/64	0.046	1,17	0.023	0,58	0.020	0,50	100	40
FIT-295-1/16	0.063	1,60	0.032	0,81	0.020	0,50	100	36
FIT-295-3/32	0.093	2,36	0.045	1,14	0.020	0,50	100	32
FIT-295-1/8	0.125	3,18	0.063	1,60	0.020	0,50	100	28
FIT-295-3/16	0.187	4,75	0.093	2,36	0.025	0,63	100	24
FIT-295-1/4	0.250	6,35	0.125	3,18	0.025	0,63	100	20
FIT-295-3/8	0.375	9,53	0.187	4,75	0.030	0,76	100	16
FIT-295-1/2	0.500	12,70	0.250	6,35	0.030	0,76	20	14

2 TO 1 SHRINK RATIO

SPECIFICATIONS

- MIL-DTL-23053/6D, Class 1, 2
- UL Standard 224 (except for clear)
- CSA Standard 198 (black only)

UL Recognized Component
Underwriters Laboratories Inc.

CSA Certified
Canadian Standards Association



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