

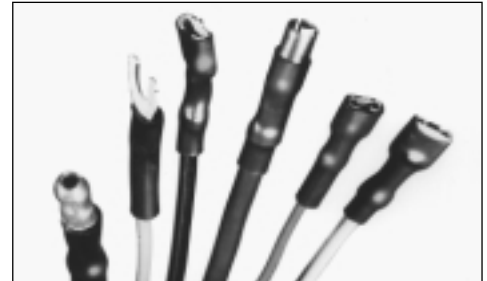
FIT® Preferred Heat Shrink Products **FLEXIBLE IRRADIATED PVC** **FIT**®-105

MIL-I-23053/2C,
 CLASS 1*
 UL STANDARD 224
 CSA STANDARD 198

CHOOSE **FIT**®-105 FOR:

- Low Shrink Temperature (100°C)
- 30% Stronger than Standard Polyolefin
- UL VW-1 and CSA OFT Flame Retardancy
- Low Water Absorption and UV Resistant
- Multiple Package Availability

2 TO 1 SHRINK RATIO



FIT®-105 APPLICATIONS:

- Use with PVC Cable
- With Heat Sensitive Substrates
- Fast Recovery Time
- Wire Harnesses and Cable Assemblies
- Flame Retardant Requirements
- **XTRA•GUARD**® 1 Applications
- Automated Cutting Machines (spools)

CHARACTERISTICS

OPERATING TEMPERATURE:

- -20°C to 105°C

SHRINKAGE RATIO:

- Approximately 2 to 1 at 100°C

COLOR DESCRIPTION:

- All Standard Packages: Black
 (White Available in Certain Sizes)

PHYSICAL PROPERTIES:

- Tensile Strength: 2000 psi, (141 kg/cm²)
- Ultimate Elongation: 200%
- Longitudinal Shrinkage: -15%†
- Specific Gravity: 1.40
- Flammability: Self-Extinguishing (UL VW-1, CSA OFT)

CHEMICAL PROPERTIES:

- Corrosive Effect: Meets Requirements of MIL-I-631
- Fungus Resistance: No Growth (MIL-I-7444)
- Water Absorption: 0 to 1% Max. 24 Hrs. at 25°C

ELECTRICAL PROPERTIES:

- Dielectric Strength: 400V/mil (158 kV/cm)
- Volume Resistivity: 10¹¹ ohm-cm

Part No. and Size	Minimum Supplied I.D.		Maximum Rec. I.D.		Nom. Rec. Wall Thickness		Spools			
	Inches	mm	Inches	mm	Inches	mm	Tot. Ftg.	Tot. Ftg.	Tot. Ftg.	Tot. Ftg.
FIT-105-3/64	0.046	1,17	0.023	0,58	0.020	0,50	1000	500	100	25
FIT-105-1/16	0.062	1,58	0.031	0,78	0.020	0,50	1000	500	100	25
FIT-105-3/32	0.093	2,36	0.046	1,17	0.020	0,50	1000	100	25	25
FIT-105-1/8	0.125	3,18	0.062	1,58	0.025	0,63	1000	100	25	25
FIT-105-3/16	0.187	4,75	0.093	2,36	0.025	0,63	1000	100	25	25
FIT-105-1/4	0.250	6,35	0.125	3,18	0.025	0,63	1000	100	25	25
FIT-105-3/8	0.375	9,53	0.187	4,75	0.030	0,76	500	100	25	25
FIT-105-1/2	0.500	12,70	0.250	6,35	0.030	0,76	250	100	25	25
FIT-105-3/4	0.750	19,10	0.375	9,53	0.035	0,88	250	100	25	25
FIT-105-1	1.000	25,40	0.500	12,70	0.040	1,02	250	100	25	25
FIT-105-1-1/2	1.500	38,10	0.750	19,10	0.045	1,14	100	25	25	25
FIT-105-2	2.000	50,80	1.000	25,40	0.050	1,27	100	50	25	25

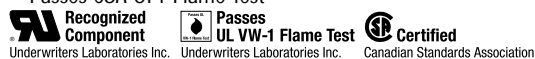
Packaged Assortments

Assorted Sizes of 6" Lengths
 Each Length - Size Identified

Part No.	Tubing Size Range	Lengths Per Box
FIT-105-MS-1	3/64" - 1/4" (6 Sizes)	10 Lengths Per Size (60 Lengths)
FIT-105-MS-2	3/8" - 1" (4 Sizes)	10 Lengths Per Size (40 Lengths)

SPECIFICATIONS

- MIL-I-23053/2C, Class 1*
- UL Standard 224
- CSA Standard 198
- Passes UL VW-1 Flame Test
- Passes CSA OFT Flame Test



*Military Specification Sheet MIL-I-23053/2C, is inactive for new design and is no longer used by the Department of Defense except for replacement purposes.
 †Does not meet MIL-I-23053/2C requirements.