

FIT® 221V — Highly Flame Retardant Polyolefin

- ▶ UL Recognized and CSA Certified
- ▶ Flame Retardant: Passes UL VW-1 Flame Test
- ▶ UL Standard 224, CSA Standard 198



A radiation cross-linked polyolefin heat-shrinkable tubing designed for a wide range of applications requiring a highly flame retardant material. **Typical Applications:** for use where UL recognition with VW-1 is needed: harness bundling; electrical insulation; cable jacketing; lightweight harmless jackets; terminal insulation; wire strain relief; general purpose component packaging. **Specifications:** Color: 1-Black, 2-Red, 3-White, 5-Yellow, 6-Green, and 7-Blue. **Operating Temperature:** -40°C to +125°C. **Shrinkage Ratio:** 2:1 at 121°C. **Tensile Strength:** 1800 psi, nominal. **Longitudinal Shrinkage:** ±3%. **Dielectric Strength:** 500 V/mil. **Volume Resistivity:** 1014 ohm/cm.

Size (In.)	Min. Supplied ID (In.)	Max. Recovered ID (In.)	6-Inch Lengths			4-Foot Lengths		
			Stock No.	Total Ft.	EACH	Stock No.	Total Ft.	EACH
3/64	0.046	0.023	708-5701	20	12.32	708-580N	100	16.05
1/16	0.063	0.031	708-5711	18	12.32	708-581N	100	16.38
3/32	0.093	0.046	708-5721	16	12.32	708-582N	100	18.58
1/8	0.125	0.062	708-5731	14	12.32	708-583N	100	19.65
3/16	0.187	0.093	708-5741	12	12.32	708-584N	100	23.62
1/4	0.250	0.125	708-5751	10	12.32	708-585N	100	29.91
3/8	0.375	0.187	708-5761	8	12.32	708-586N	100	33.31
1/2	0.500	0.250	708-5771	7	12.32	708-587N	20	7.64
3/4	0.750	0.375	708-5781	6	12.32	708-588N	20	10.26
1	1.000	0.500	708-5791	4	12.32	708-589N	20	14.20

FIT® 321...High Shrink Ratio (3:1) Polyolefin



- ▶ 6" Lengths
- ▶ 3:1 Shrink Ratio

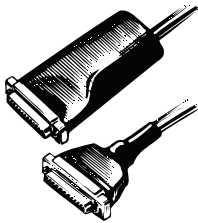
- ▶ Flame Retarded Outer Wall
- ▶ Water Resistant (0.5% Maximum Absorption)

When heated, inner wall melts and fills all crevices and interstices of the covered object while outer wall shrinks. Upon cooling, the entire mass becomes a tough molding that provides excellent environmental protection. **Specifications:** **Operating Temperature:** -55°C to +110°C. **Shrink Ratio:** 3:1 at 125°C. **Tensile Strength:** 2500 psi, nominal. **Ultimate Elongation:** 400% nominal. **Longitudinal Shrinkage:** 15%, nominal. MIL-I-23053C/4B Class 3. **Color:** Black.

Stock No.	Size	Min. Supplied I.D. (")	Max. Recovered I.D. (")	Total Ft.	EACH
708-4490	1/8"	0.120	0.040	14.0	55.69
708-4492	1/4"	0.240	0.080	10.0	55.69
708-4494	1/2"	0.470	0.160	7.0	55.69
708-4496	1"	0.940	0.320	4.0	55.69
708-4498	1 1/2"	1.570	0.510	2.5	55.69

708-9628. FIT 321-MS/1. Assortment. 5 lengths each per size. 4 sizes, 1/8" through 1". Black.....EACH 66.97

FIT® 421...High Shrink Ratio (4:1) Polyolefin

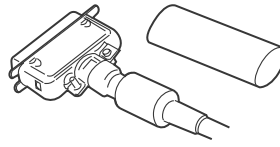


Stands up to your toughest tests. FIT 421 is a tough, irradiated polyolefin with a 4:1 shrinkage ratio that solves the problem of covering and protecting the connections between cables and bulky connectors. **Applications:** Insulation and protection for connector-to-cable terminations; harmless jacket sleeving repair; coverage of irregular shapes not possible with 2:1 shrink ratio material. **Specifications:** **Operating Temperature:** -55°C to +135°C. **Shrinkage Ratio:** 4:1 at 121°C. **Tensile Strength:** 1500 psi. **Longitudinal Shrinkage:** 50% maximum. MIL-I-23053/5B Class 1 over expanded. AMS 3636D. Non-corrosive; self-extinguishing. **Color:** Black.

4' Lengths

Stock No.	Size	Min. Supplied I.D. (")	Max. Recovered I.D. (")	Total Ft.	EACH
708-4460	1"	1.000	0.275	20	207.92
708Q4465	1 1/2"	1.500	0.375	20	273.69
708Q4470	2"	2.000	0.550	20	286.42
708-4475	3"	3.000	0.810	8	123.05
708Q4480	4"	4.000	1.050	8	214.28

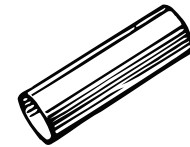
FIT® 321V Non-Adhesive High Shrink Ratio (3:1)



Low temperature, thin wall flexible shrink tubing. The 3:1 shrink ratio enables this product to be applied over obstructions/substrates with sizes that exceed traditional 2:1 heat shrink products. Use for wire harnesses, cable/connector protection/repair, insulation of terminals. **Specifications:** **Operating Temperature:** -45°C to 125°C. **Shrink Ratio:** 3:1. **Tensile Strength:** 1500 psi. **Ultimate Elongation:** 200%. **Longitudinal Shrinkage:** 3%. UL Standard 224. **Colors:** Black and white. Stocked in black.

Stock No.	Size	Min. Supplied I.D. (")	Max. Recovered I.D. (")	Spool Length	EACH
708-4340	1/8"	0.125	0.042	500	169.20
708-4342	1/4"	0.250	0.083	250	105.96
708-4344	3/8"	0.375	0.125	200	94.70
708-4346	1/2"	0.500	0.166	150	80.09
708-4348	3/4"	0.750	0.250	250	178.07
708Q4350	1"	1.000	0.330	250	266.12

FIT® 400 Heat/Chemical Resistant FEP Teflon Heat Shrink



Extreme chemical/high heat resistant heat shrink. Approximately 1.2 to 1 shrink ratio at 176°C. Use for fiber optic fusion splice, strain relief for contact area on high-density connectors, XTRA-GUARD® 4 and XTRA-GUARD® 5 cable. **Specifications:** **Operating Temperature:** -67°C to 204°C. **Tensile Strength:** 3100 psi. **Ultimate Elongation:** 300%. **Longitudinal Shrinkage:** 10%. **Color:** Natural. 4 foot lengths.

Stock No.	Mfr.'s Type	Min. Supplied I.D. (")	Max. Recovered I.D. (")	Total Ft.	EACH
708-4352	FIT400 20	0.045	0.039	100	115.77
708-4354	FIT400 16	0.075	0.061	100	136.21
708-4356	FIT400 14	0.092	0.072	100	140.74
708-4358	FIT400 12	0.115	0.089	100	145.29
708Q4360	FIT400 8	0.180	0.143	100	222.46
708Q4362	FIT400 6	0.225	0.180	100	276.95

FIT® 221 — Irradiated Polyolefin

- ▶ UL Standard 224, CSA Standard 198 MIL-I-23053/5B, AMS 3636 (Colors), AMS 3637 (Clear)

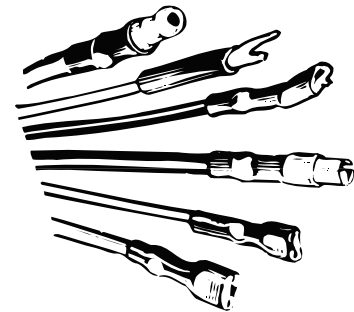


FIT-221 is the most widely used general purpose heat-shrinkable tubing. It is flexible, flame-retardant, self-extinguishing and fungus-resistant. The tubing shrinks a minimum of 50% of supplied diameter at 121°C longitudinal shrinkage, ±5% (UL224). **Operating Temperature:** -55°C to +135°C. **Tensile Strength:** 1800 psi nominal. **Colors Available:** 1-Black, 2-Red, 3-White, 4-Clear*, 5-Yellow, 6-Green, and 7-Blue. Insert the color number where N appears in the stock number. *No UL recognition, CSA Certification on clear.

50'-100' FIT 221 Spools

FIT 221 is now available in 50' or 100' spools where noted. These shorter length spools are perfect for on-site installation needs. The spool is easily stored on any rack. Preprinted instructions are located right on the spool. The spool is packaged in a clear bag. Available in black and clear.

Size (In.)	Min. Supplied ID (In.)	Max. Recovered ID (In.)	Wall Thickness (In.)	6 In. Lengths			4 Ft. Lengths			Spooled Lengths			New Spooled Lengths		
				Stock No.	No. of Lengths	PER BOX	Stock No.	No. of Lengths	PER BOX	Stock No.	Put Up Length	PER BOX	Stock No.	Put Up Length	PER BOX
3/64	0.046	0.023	0.016	708-900N	40	12.20	708-901N	25	17.84	708-902N	1000'	160.53	—	—	—
1/16	0.063	0.031	0.017	708-903N	36	12.20	708-904N	25	18.01	708-905N	1000'	163.81	708-751N	100'	30.71
3/32	0.093	0.046	0.020	708-906N	32	12.20	708-907N	25	20.44	708-908N	500'	102.22	708-752N	100'	34.85
1/8	0.125	0.062	0.020	708-909N	28	12.20	708-710N	25	21.62	708-711N	500'	108.12	708-753N	100'	36.85
3/16	0.187	0.093	0.020	708-712N	24	10.87	708-713N	25	26.25	708-714N	500'	145.85	708-754N	100'	45.23
1/4	0.250	0.125	0.025	708-715N	20	10.87	708-716N	25	33.24	708-717N	250'	83.07	708-755N	100'	83.07
3/8	0.375	0.187	0.025	708-718N	16	10.87	708-719N	25	37.01	708-720N	200'	74.03	708-756N	50'	35.29
1/2	0.500	0.250	0.025	708-721N	14	11.20	708-722N	5	8.49	708-723N	150'	62.38	708-757N	50'	34.78
3/4	0.750	0.375	0.030	708-724N	12	11.20	708-725N	5	11.30	708-726N	250'	139.68	—	—	—
1	1.000	0.500	0.035	708-727N	8	11.20	708-728N	5	14.34	708-729N	250'	177.46	—	—	—
1 1/2	1.500	0.750	0.040	708-730N	5	11.20	708-731N	5	34.56	708-732N	125'	168.17	—	—	—
2	2.000	1.000	0.045	708-734N	3	11.20	708-735N	5	48.92	708Q736N	125'	263.85	—	—	—



Now Stocked in 50' and 100' Lengths!