

DWP-125

Flame-Retardant, Dual Wall Polyolefin Heat-Shrinkable Tubing



Table 1: Dimensions

Size	Minimum Expansion (D)		Maximum Recovered (d)		Nominal Total Recovered Wall (W)		Nominal Adhesive (W1)	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.
1/8	.125	3.2	.040	1.0	.042	1.07	.007	.18
3/16	.187	4.8	.060	1.5	.052	1.32	.017	.43
1/4	.250	6.4	.080	2.0	.057	1.45	.022	.56
3/8	.375	9.5	.120	3.0	.065	1.65	.027	.68
1/2	.500	12.7	.157	4.0	.067	1.70	.027	.68
3/4	.750	19.0	.230	6.0	.080	2.03	.030	.76
1	1.000	25.4	.320	8.0	.100	2.50	.030	.76
1-1/2	1.500	38.1	.530	13.5	.100	2.50	.030	.76
2	2.000	50.8	.800	20.0	.100	2.50	.030	.76

Table 2: Properties

Property	Unit	Requirement		Test Method
		Type 1	Type 2	
Dimensions	Inch (mm)	Table 1	Table 1	ASTM D 2671
Tensile Strength, minimum	PSI	1500	1500	ASTM D 2671 20 inches/minute
Elongation, minimum	Percent	200	200	ASTM D 2671 20 inches/minute
Longitudinal Change, maximum	Percent	0, -10	0, -10	ASTM D 2671
Heat Shock 4 hours at 250°C	--	No dripping, flowing or cracking. Note 1	No dripping or flowing. Note 1	ASTM D 2671
Flammability (Type 1 only)	--	Pass	N/A*	UL-224 All Tubing

Type 1 Black, White and Colors

Type 2 Clear (*Note: Type 2 is not flame-retardant.)

Note 1: This requirement applies to the outer jacket only.

In addition to the above requirements, DWP-125 Type 1 is UL recognized and CSA certified and shall meet all the requirements of UL-224 for 125°C-rated flexible polyolefin tubing, CSA C22.2 No. 198.1-M1986 for 125°C-rated flexible polyolefin with meltable liner.

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Specification Control Drawing

		TE Connectivity 300 Constitution Drive Menlo Park, CA 94025 USA		Raychem		Title: DWP-125 Flame-Retardant, Dual Wall Polyolefin Heat-Shrinkable Tubing	
TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application				Document No : DWP-125			
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