



Heat Shrinkable Irradiated Polyolefin Tubing

All Purpose • 2:1 • MIL-I-23053/5

UL ° VW-1 ° CSA



Description: When exposed to heat 194°F/90°C the tubing shrinks 50% in diameter, with 5% longitudinal contraction. Controlled shrinkage to exact requirement takes place. This series is designed for maximum mechanical strength at stress or points of connection. It is strong, abrasion resistant and is supplied in expanded sizes. It insulates, jackets, splices, encapsulates, weather-proofs components, connectors, cables and irregular shaped objects.

SH275 meets or exceeds UL STD 224, Mil-I-23053B/5 Class 1 (colors), 2 (clear) and Class 3 (highly flame retardant-except for clear).

SH275 is UL and CSA approved. AMS 3636 (colors), 3637A (clear). Flame retardant (except clear).

Daburn Cat. No.	Size	I.D. As Supplied		Recovered (After Heating)				Standard Package	M23053/5†	Click to Order Prototype Quantities
				I.D. Max.		Nom. Wall*				
		IN.	MM.	IN.	MM.	IN.	MM.			
SH275-3/64	3/64	0.046	1.17	0.023	0.58	0.016	0.41	100', 1000'	101	
SH275-1/16	1/16	0.063	1.60	0.031	0.79	0.017	0.43	100', 250', 1000'	102	Order
SH275-3/32	3/32	0.093	2.36	0.046	1.17	0.020	0.51	100', 250', 1000'	103	Order
SH275-1/8	1/8	0.125	3.18	0.062	1.57	0.020	0.51	100', 250', 1000'	104	Order
SH275-3/16	3/16	0.187	4.75	0.093	2.36	0.020	0.51	100', 250', 1000'	105	Order
SH275-1/4	1/4	0.250	6.35	0.125	3.18	0.025	0.64	100', 250', 1000'	106	Order
SH275-3/8	3/8	0.375	9.53	0.187	4.75	0.025	0.64	100', 200'	107	Order
SH275-1/2	1/2	0.500	12.70	0.250	6.35	0.025	0.64	100', 200'	108	Order
SH275-3/4	3/4	0.750	19.05	0.375	9.53	0.030	0.76	100', 200'	109	Order
SH275-1"	1"	1.000	25.40	0.500	12.70	0.035	0.89	100'	110	Order
SH275-1 1/2"	1 1/2"	1.500	38.10	0.750	19.05	0.040	1.02	12'**, 24'**, 100'**	111	
SH275-2"	2"	2.000	50.80	1.000	25.40	0.045	1.14	12'**, 24'**, 100'**	112	
SH275-3"	3"	3.000	76.20	1.500	38.10	0.050	1.27	12'**, 24'**, 100'**	113	Order
SH275-4"	4"	4.000	101.60	2.000	50.80	0.055	1.40	12'**, 24'**, 50'**	114	Order

* Wall thickness will be less if recovery is restricted.

** Stocked in 4FT lengths.

All items are available in 4FT lengths or long length spools.

† Add suffix "C" for clear, i.e. SH275-1/4
Clear is M23053/5-106C.

Stock Colors: Black, White, Red, Clear. Additional colors available.

Note: Extra flexible, & Industrial grade shrinkable polyolefin is available to order.

SH275 Pack Assortments

A.

Pack Assortments- Assorted Sizes		
Daburn Cat. No.	Lengths Per Pack	Tubing Size
SH275-PA1	30	3/64" thru 3/16"
SH275-PA2	16	1/4" thru 3/4"
SH275-PA3	10	1"
SH275-PA4	10	1" thru 4"

Colors: Black. Additional colors to order.
Each pack contains an assortment of 6" lengths in mixed sizes.

B.

Pack Assortments- 6" Lengths Of Same Size		
Daburn Cat. No.	Size	No. Of 6" Lengths Per Pack
SH275PA-3/64	3/64	40
SH275PA-1/16	1/16	36
SH275PA-3/32	3/32	32
SH275PA-1/8	1/8	28
SH275PA-3/16	3/16	24
SH275PA-1/4	1/4	20
SH275PA-3/8	3/8	16
SH275PA-1/2	1/2	14
SH275PA-3/4	3/4	12
SH275PA-1"	1"	8
SH275PA-1 1/2"	1 1/2"	5
SH275PA-2"	2"	3
SH275PA-3"	3"	2
SH275PA-4"	4"	1

Colors: Black, Clear. Additional colors to order.

Each pack contains 6" lengths of the same sizes.

Although processed by hi-energy radiation the Dabflex SH275 shrinkable tubing does not at any time become radioactive or

possess any residual radioactivity.

Properties Of SH275

Operating Temperature -55°C To +135°C

Shrinkage Temperature Nom: 90°C/194°F

Shrink Ratio: 2:1

Longitudinal Change, Max.: ±5%

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