



HS 105°C

Heat Shrinkable PVC Tubing



Product Description

Grayline HS 105°C is a flexible polyvinyl chloride heat shrinkable tubing recommended for applications requiring a tight fitting covering. Typical uses include harness bundling, terminal and splice insulation, component covering, wire markers and color coding.

Standard Packaging: Reels or Cut to Customer Specifications.

Standard Color: Black, Clear, Natural

Custom Sizes, Expansion Ratios & Colors Available Upon Request

Grayline HS 105°C is heat sensitive and when pressurized, may be stored at temperatures up to 104°F (40°C). Non-pressurized tubing must be stored below 90°F (32°C) away from direct sunlight.

Specifications

- UL: 105°C, 600V, VW-1 (File #E40745)
- CSA: 105°C, 600V, VW-1 (File #31347)
- EU Directive 2000/53/EC (ELV)
- EU Directive 2011/65/EU (RoHS2)
- Meets most requirements of SAE-AMS-I-23053/2, Class 2 ¹.

Note: MIL-I-23053/2 has been replaced by SAE-AMS-I-23053/2.

Features

- Operating Temperature is -30°C to 105°C
- 2:1 Shrink Ratio
- Controlled Longitudinal Shrinkage (approximately 10%)
- Quick Shrinkability
- Outstanding Flame & Chemical Resistance
- Heavy Wall Options Available
- Lead-Free

Standard Sizes

NOMINAL SIZE	EXPANDED INSIDE DIAMETER (MINIMUM)	RECOVERED INSIDE DIAMETER (MAXIMUM)	RECOVERED WALL THICKNESS ²	STANDARD REEL QUANTITY (FEET ³)
3/32	0.093"	0.046"	.025"	1,000
1/8	0.125"	0.062"	.025", .031" or .040"	1,000
5/32	0.156"	0.078"	.025" or .031"	1,000
3/16	0.187"	0.093"	.025", .031", .040" or .050"	1,000
1/4	0.250"	0.125"	.025", .031", .040", .062", or .080"	1,000
5/16	0.312"	0.156"	.025", .031", .040" or .062"	500
3/8	0.375"	0.187"	.025" or .031"	500
1/2	0.500"	0.250"	.025" or .031"	250
5/8	0.625"	0.312"	.031"	250
3/4	0.750"	0.375"	.035"	250
1	1.000"	0.500"	.040"	125
1-1/4	1.250"	0.625"	.040"	125
1-1/2	1.500"	0.750"	.045"	100
2 ⁴	2.000"	1.000"	.050"	75

¹ See Grayline Datasheet DSH-24, "HS105C vs SAE-AMS-I-23053-2" for details.

² Other heavy wall options available. Consult your Grayline representative.

Recommended heat shrinking method: 150°C for three minutes in a circulating air oven.

³ Reels may have up to 2 splices

⁴ Non-UL version only

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