



## Description:

The SHS series is a semi-rigid tubing offering the advantages of integral, Adhesive-lined constriction. The tubing is made from flame-retardant, flexible polyolefin with an internal layer of special thermoplastic adhesive.

## Typical Properties

### Physical

Tensile Strength	: 1,900 PSI
Ultimate Elongation	: 400%
Longitudinal Change	: +1, -10%
Secant Modulus (2%)	: 33,000 PSI
*Heat Aging (336 hrs @ 175°C)	Elongation 175%
*Heat Shock (4 hrs @ 250°C)	No dripping, cracking. Passes mandrel wrap test
*Low Temperature Flexibility (4 hrs @ -55°C)	No Cracking
Flammability	Self extinguishing
Operating Temperature	-55°C to 110°C (-67°F to 230°F)
Flexibility*	: 7
Shrinkage	: 4:1
Shrink Temperature	: 121°C(250°F)
Colour	: Clear

### Electrical

Dielectric Strength	: 700V/Mil
Volume Resistivity	: 1014 ohm-cm

\*Outer wall only

\*Flexibility : The materials are rated on a scale of 1 ~ 10.  
1 = most flexible and 10 = most rigid

## Part Number Table

Description	Dimensions					Standard Packages					
	Size (Inch)	Expanded I.D. Min. (Inch)	Recovered I.D. Max. (Inch)	Recovered Nominal Melt Wall Nom. (Inch)	Recovered Nominal Wall Thickness (Inch)	4 Foot Lengths (+1", -0")			6 Inch Lengths (± .125")		
						Part Number	Qty	Total Footage (Feet)	Part Number	Qty	Total Footage (Feet)
SHS-Series Adhesive Lined Semi-Rigid Heat Shrink Tubing	0.3	0.3	0.6	0.033	0.028	SHS-300-4012-BLK	12	48	SHS-300-6022-BLK	22	11
	0.35	0.35	0.8	0.038	0.033	SHS-350-4012-BLK			SHS-350-6020-BLK	20	10
	0.45	0.4	0.105	0.043	0.053	SHS-450-4012-BLK			SHS-450-6016-BLK	16	8
	0.7	0.7	0.175	0.060	0.055	SHS-700-4012-BLK	5	20	SHS-700-6012-BLK	12	6

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