

Self-Sealing,  
Heat-Shrinkable Tubing

Product Facts

- Thick adhesive liner forms an effective barrier against fluids and moisture
- Thick-wall insulation, strain relief and abrasion protection
- No need for greases, tape, or epoxy
- Expansion ratios as high as 3:1
- Available in flame-retardant material
- SST has the following agency approvals:
  - ABS (American Bureau of Shipping)
  - DNV (Det Norske Veritas)
  - Lloyd's (Lloyd's Register of Shipping)



Specifications/Approvals

SST/SST-FR



Applications

SST provides a simple, positive splice-sealing method that offers protection under adverse environmental conditions. Tubing supplied with standard sealant provides water sealing and environmental protection in wet or underground applications. The thermoplastic adhesive not only seals, but also provides mechanical strain relief. The polymer tubing has excellent insulating, abrasion-resistance, and strain-relief properties.

Installation

Minimum shrink temperature: 90°C [195°F]  
Minimum full recovery temperature: 121°C [250°F]

Operating Temperature Range

-55°C to 90°C  
[-67°F to 194°F]

Series	Military	Industry	Raychem
SST	—	—	RW- 2011
SST-FR	AMS-DTL-23053/15*, Classes 1 and 2	ASTM D 685, nonburning ASTM D 2863, oxygen index IPCEA S-19-81, cable insulation and jackets IEEE-383 Section 2.5 massive flame vertical tray ABS, DNV, Lloyd's Register	RW -2011

\*Formerly MIL-I-23053/I5 and MIL-DTL-23053/15.

Available in:	Americas	Europe	Asia Pacific
	■	■	■

Product Dimensions  
(inches)

SST/SST-FR (Continued)

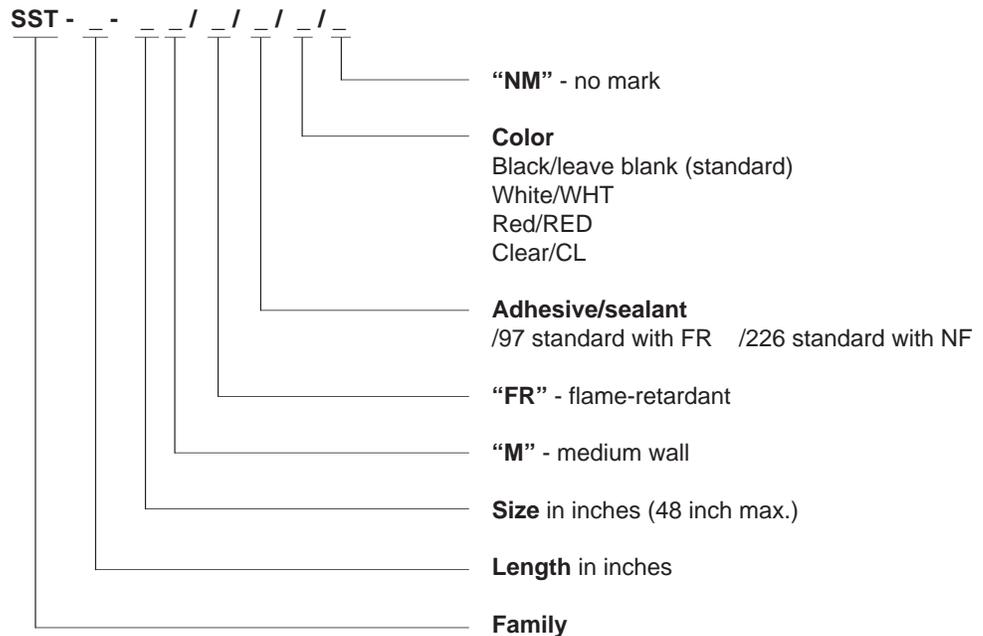
Size†	Standard Nominal Length	Inside Diameter		Wall Thickness		Recommended Cable Range for 600-Volt Cable
		Minimum Expanded as Supplied	Maximum Recovered After Heating	Expanded	Nominal Wall After Heating††	
SST*-03	6, 30	0.300	0.100	0.025	0.060	18 through 14 AWG
SST*-04	6, 30	0.400	0.150	0.025	0.060	14 through 10 AWG
SST*-07M	6, 9, 12, 48	0.750	0.220	0.020	0.060	8 through 1 AWG
SST*-07	6, 9, 12, 48	0.750	0.220	0.030	0.095	8 through 1 AWG
SST*-11M	6, 9, 12, 48	1.100	0.375	0.030	0.105	2 through 4/0 AWG
SST*-11	6, 9, 12, 48	1.100	0.375	0.040	0.120	2 through 4/0 AWG
SST*-13M	6, 9, 12, 48	1.300	0.375	0.025	0.105	2 through 4/0 AWG
SST*-13	6, 9, 12, 48	1.300	0.375	0.035	0.120	2 through 4/0 AWG
SST*-15M	6, 9, 12, 48	1.500	0.500	0.035	0.120	2/0 AWG through 500 MCM
SST*-15	6, 9, 12, 48	1.500	0.500	0.050	0.140	2/0 AWG through 500 MCM
SST*-17M	6, 9, 12, 48	1.700	0.500	0.030	0.120	2/0 AWG through 500 MCM
SST*-17	6, 9, 12, 48	1.700	0.500	0.045	0.140	2/0 AWG through 500 MCM
SST*-20M	6, 9, 12, 48	2.000	0.750	0.040	0.120	350 MCM through 1000 MCM
SST*-20	6, 9, 12, 48	2.000	0.750	0.050	0.155	350 MCM through 1000 MCM
SST*-27	12, 18, 24, 48	2.700	0.900	0.050	0.155	500 MCM through 1250 MCM
SST*-30	12, 18, 24, 48	3.000	1.250	0.050	0.155	900 MCM through 1500 MCM
SST*-40	12, 18, 24, 48	4.000	1.750	0.050	0.155	1500 MCM through 2500 MCM
SST*-45	12, 18, 24, 48	4.500	1.750	0.050	0.155	1500 MCM through 2500 MCM

†In place of asterisk\* substitute length of tubing to be ordered. For example, SST\*-11, as the third column indicates, comes in 6-, 9-, 12- and 48-inch lengths, so a 9-inch cut piece of SST tubing would be SST 9-11.  
 The suffix M = medium-wall tubing. ††Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color	Standard	Black (-0)
Size selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.	
Standard packaging	See Product Dimensions table.	
Ordering description	Specify product name, cut length, size and color (for example, SST 48-07/FR/RS).	

Part Numbering System



Example: SST-48-07M/FR/97/NM