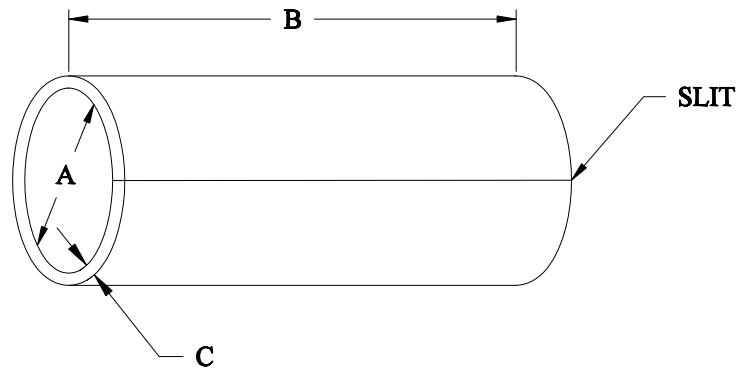


**Slit Adhesive Sleeve  
(S-1030)**



**Table 1: Dimensions** (inches)

Size	Extruded ID (A)	Cut Length (B)	Extruded Wall (C)
SAS-090-1-1030	.090 ± .005	1.000 ± .050	0.022 ± .003
SAS-115-1-1030	.115 ± .005	1.000 ± .050	0.030 ± .003
SAS-160-1-1030	.160 ± .005	1.000 ± .050	0.030 ± .003
SAS-200-1-1030	.200 ± .005	1.000 ± .050	0.033 ± .003
SAS-250-1-1030	.250 ± .005	1.000 ± .050	0.033 ± .003
SAS-300-1-1030	.300 ± .005	1.000 ± .050	0.060 ± .003

**Color:** Black

Thermofit® Tubing  
Specification Control DrawingNo: **SAS-XXX-X-1030**  
**Slit Adhesive Sleeve**Rev: C  
Date: February 3, 2000  
Page: 2 of 3**Table 2: Properties**

Property	Unit	Requirements	Test Method
<b>Physical</b>			
Visual	--	No foreign matter, voids, pinholes.	
Specific Gravity	--	1.00 ± 0.05	ASTM D 792
Low Temperature Impact Brittleness	°C	-70 maximum	ASTM D 746 Procedure B
Adhesive Peel	lbs/in width		Note 1
Polyolefin		25 minimum	
Polychloroprene		25 minimum	
<b>Chemical*</b>			
Water Absorption	Percent	1.0 maximum	ASTM D 570
Fungus Resistance	--	Rating of 1 or less	ASTM G 21
<b>Electrical*</b>			
Volume Resistivity	ohm-cm	10 <sup>10</sup> minimum	ASTM D 257
Dielectric Strength	V/mil	500 minimum	ASTM D 149

\*Test specimens shall be prepared in the form of 6 x 6 x 6 x .075-inch compression molded slabs. Molding temperature shall be 140°C (285°F).

**Acceptance Tests:** Visual, Dimensions, Specific Gravity

Thermofit® Tubing  
Specification Control Drawing

No: **SAS-XXX-X-1030**  
**Slit Adhesive Sleeve**  
Rev: C  
Date: February 3, 2000  
Page: 3 of 3

---

**Note 1:** Adhesive Peel Strength

**Polyolefin**

Shrink a 6-inch length of size 1-1/2 inch Thermofit RNF-100 Type 2\* on a glass-laminated plastic or metal tube, 1 inch in diameter, and approximately 1 foot glass-laminated plastic or metal tube, 1 inch in diameter, and approximately 1 foot long, with a Thermofit Model 500B Thermogun\* or equivalent. Cool to room temperature, lightly abrade with No. 320 emery cloth, and wipe with MEK. Spiral wrap S-1030+ tape on the recovered tubing, with a 50% overlap. Place a strip of 3/4-inch-wide masking tape lengthwise on the adhesive tape to hold it in place and to provide unbonded ends to insert into the tensile tester.

Abrade and clean the inside surface of three 1-1/2 inch lengths of size 1-1/2 inch RNF-100 Type 2. Place them on the prepared mandrel so that they are about 1/2 inch apart, and shrink with the Thermogun. Place the assembly in an oven for 10 minutes at  $150 \pm 3^{\circ}\text{C}$  ( $302 \pm 5^{\circ}\text{F}$ ).

Cool to room temperature, and cut along one edge of the masking tape to remove the bonded assembly from the mandrel. Cut a 1-inch wide specimen from the center of each double thickness. Insert the unbonded ends in a tensile tester operating at 2 inches per minute. Make readings of peel strength at every 1/2 inch of jaw separation after 1 inch initial separation. The average of 5 readings shall define peel strength.

**Polychloroprene**

Repeat above procedure, except use Thermofit NT-FR\* tubing.

\*Obtainable from Raychem Corporation.

+S-1030 tape is made from the same lot of material as SAS-1030.

Raychem reserves the right to amend this specification at any time. Users should evaluate the suitability of the product for their application.