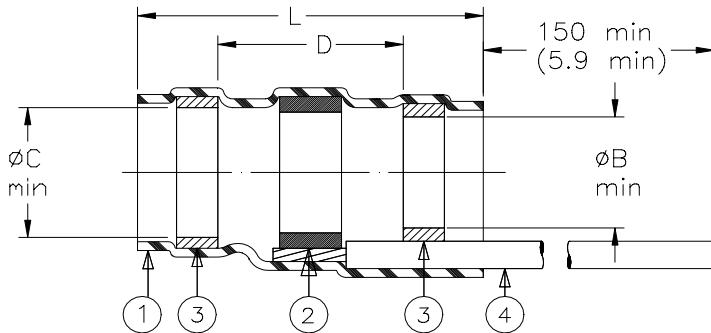


## SPECIFICATION CONTROL DRAWING



Product Revisions		Component Dimensions					Shall Accommodate Cable With Dimensions		
		Ident. Code	L±1.75 (L±0.07)	B min	C min	D min	E max	F min	H max
ST63-1-55-GA-CL	C	ST631R	16.5 (0.650)	1.9 (0.075)	2.65 (0.105)	8.25 (0.325)	2.65 (0.105)	0.90 (0.035)	1.9 (0.075)
ST63-2-55-GA-CL	C	ST632R	16.5 (0.650)	2.65 (0.105)	3.68 (0.145)	8.25 (0.325)	3.68 (0.145)	1.40 (0.055)	2.65 (0.105)
ST63-3-55-GA-CL	C	ST633R	16.5 (0.650)	4.3 (0.170)	5.08 (0.200)	8.25 (0.325)	5.08 (0.200)	2.15 (0.085)	4.3 (0.170)
ST63-4-55-GA-CL	C	ST634R	19.1 (0.750)	5.95 (0.235)	6.45 (0.255)	8.25 (0.325)	6.45 (0.255)	3.30 (0.130)	5.95 (0.235)
ST63-5-55-GA-CL	C	ST635R	19.1 (0.750)	7.0 (0.275)	7.6 (0.300)	8.25 (0.325)	7.6 (0.300)	4.30 (0.170)	7.0 (0.275)

### MATERIAL

1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.

2. SOLDER PREFORM WITH FLUX:

SOLDER: TYPE Sn63 per ANSI J-STD-006.

FLUX: TYPE ROL1 per ANSI J-STD-004.

3. MELTABLE RINGS: Stabilized thermoplastic. Color: blue.

4. PRE-INSTALLED LEAD: RAYCHEM 55A0111 in accordance with MIL-W-22759/32. Stranded tin plated copper.

Color: (see note).

### APPLICATION

1. These parts are designed to provide an environment protected shield termination on cables, rated for 125°C minimum, meeting the dimensional criteria listed and having tin or silver plated shields.

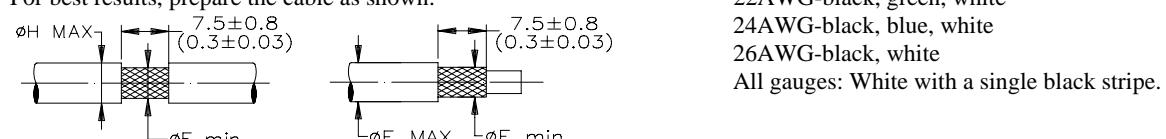
2. Temperature range: -55°C to +150°C.

3. When installed in accordance with Raychem Process Standard RCPS-100-70 assemblies will meet performance requirements of Raychem Specification RT-1404.

Complete part number is defined as shown:

ST18-A      55      GA      Lead      AWG      CL  
 Size      Lead type      Lead      AWG      Lead color designation per MIL-STD-681.  
 1 to 5      M22759/32      20      22      Colors available:  
 24      26      20AWG-black, green, white  
 22AWG-black, green, white  
 24AWG-black, blue, white  
 26AWG-black, white

For best results, prepare the cable as shown:



All gauges: White with a single black stripe.

\*A trademark of Raychem Corporation.

<b>Raychem</b>	THERMOFIT DEVICES	Raychem Corporation 300 Constitution Drive Menlo Park, CA 94025 USA	TITLE: <b>SOLDERSLEEVE* DEVICE TERMINATION WITH LEADS</b>			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.			DOCUMENT NO.: <b>ST63-X-55-GA-CL</b>			
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ANGLES: N/A ROUGHNESS IN MICRON	Raychem reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		DCR NUMBER: D981080	REPLACES: St6355	
DRAWN BY: R. MAPALO	DATE: 08/12/98	REV.: SEE TABLE	DOC ISSUE: 5	SCALE: NONE	SIZE: A	SHEET: 1 of 1

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