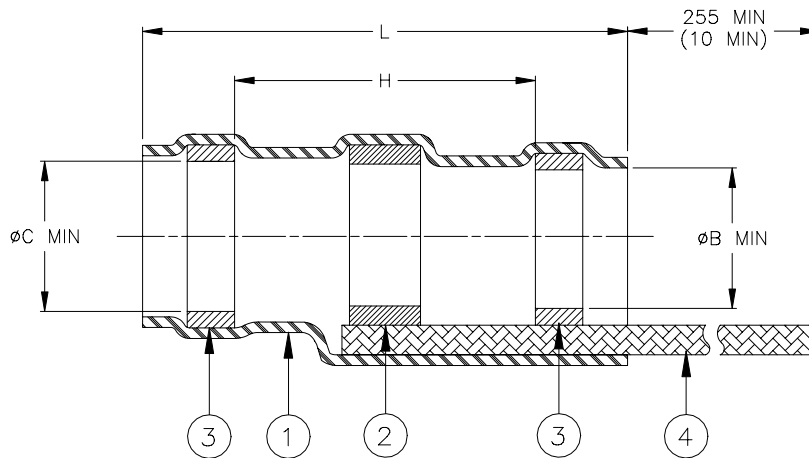


SPECIFICATION CONTROL DRAWING



Product Revision		Product Dimensions				Cable Dimensions			
Product Name		Ident. Code	L±1.75 (L±0.07)	øB min.	øC min.	H min.	øE max.	øF min.	øD max.
S03-06-R-100HN	A	S0306R	16.5 (0.650)	1.90 (0.075)	2.67 (0.105)	8.20 (0.323)	2.67 (0.105)	0.90 (0.035)	1.90 (0.075)
S03-07-R-100HN	A	S0307R	16.5 (0.650)	2.67 (0.105)	3.68 (0.145)	8.20 (0.323)	3.68 (0.145)	1.40 (0.055)	2.67 (0.105)
S03-08-R-100HN	A	S0308R	16.5 (0.650)	4.32 (0.170)	5.08 (0.200)	8.20 (0.323)	5.08 (0.195)	2.15 (0.085)	4.32 (0.170)
S03-09-R-100HN	A	S0309R	19.1 (0.750)	5.97 (0.235)	6.48 (0.255)	8.20 (0.323)	6.48 (0.255)	3.30 (0.130)	5.97 (0.235)
S03-10-R-100HN	A	S0310R	19.1 (0.750)	6.98 (0.275)	7.62 (0.300)	8.20 (0.323)	7.62 (0.300)	4.30 (0.170)	6.98 (0.275)

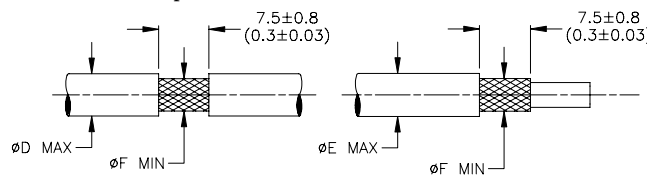
MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:
SOLDER: TYPE Sn63 per ANSI-J-STD-006.
FLUX: TYPE ROL1 per ANSI-J-STD-004.
THERMAL INDICATOR: Color change violet to colorless.
- MELTABLE RINGS: Stabilized thermoplastic. Color: blue.
- PRE-INSTALLED BRAID: Nickel plated copper strands per ASTM B355 Class 7. CMA 640.

APPLICATION

- 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 and insulation compatible with the insert material.
For compatible insulations, see MIL-S-83519/2 or consult Raychem.
- When installed per Raychem process standard RCPS-100-70, assemblies will meet those requirements of Raychem Specification RT-1404 and MIL-S-83519/2 which do not require electrical testing while parts are immersed in water.
- Temperature range: -55°C to +150°C.
- Parts shall be marked with identification code per table.

For best results, prepare the cable as shown:



Raychem		THERMOFIT DEVICES	Raychem Corporation 300 Constitution Drive Menlo Park, CA 94025 USA	TITLE: SOLDERSLEEVE* DEVICE SHIELD TERMINATION WITH BRAID			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.				DOCUMENT NO.: S03-XX-R-100HN			
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: D990967		REPLACES: N/A	
DRAWN BY: M. FORONDA	DATE: 12/03/99	PROD. REV. SEE TABLE	DOC ISSUE: 0	SCALE: None	SIZE: A	SHEET: 1 of 1	

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