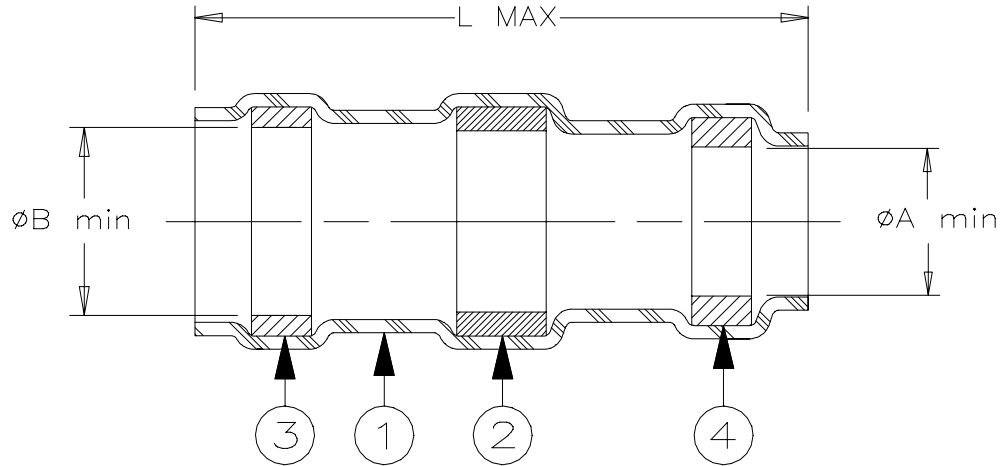


SPECIFICATION CONTROL DRAWING



Product Revision		Product Dimensions			Wire Dimensions	
Product Name		L max	A min	B min	J.O.D. max	CMA** Range
D-144-42	G	26.7 (1.050)	1.9 (0.075)	2.4 (0.095)	1.9 (0.095)	1100- 2800
D-144-43	D	27.0 (1.060)	2.7 (0.105)	3.2 (0.125)	2.7 (0.105)	2200- 4900

**Not all combinations of wires equaling listed CMA's will fit in sleeve.

MATERIAL

- INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked polyvinylidene fluoride. Transparent blue.
- SOLDER PREFORM WITH FLUX:
SOLDER: TYPE Sn63 per ANSI J-STD-006.
FLUX: TYPE ROL1 per ANSI J-STD-004.
WEIGHT: 82 ±12mg.
- & 4. MELTABLE RINGS: Thermally stabilized thermoplastic. Color: grey.

APPLICATION

- This part is designed to make in-line splices in wires, having tin or silver-plated conductors and insulations rated for 125°C minimum.
- Part will provide environmental resistance on splices having no more than 2 wires per side.
- Wires are to be stripped 12.7 (.5) and overlapped under solder preform.
- Part is to be installed using a Raychem-approved infrared or convection heater in accordance with Raychem assembly procedure RCPS-200-09.
- Parts conform to Boeing specification 5D0033.

*A trademark of Raychem Corporation.

Raychem		THERMOFIT DEVICES	Raychem Corporation 300 Constitution Drive Menlo Park, CA 94025 USA	TITLE: SOLDERSLEEVE*WIRE SPLICE (BOEING 5D0033-42/43)			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE IN BETWEEN BRACKETS.				DOCUMENT NO.: D-144-42/-43			
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: D981316		REPLACES: D961417 & D961418	
DRAWN BY: R. MAPALO	DATE: 07/14/98	REV.: SEE TABLE	DOC ISSUE: 2	SCALE: NONE	SIZE: A	SHEET: 1 of 1	

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