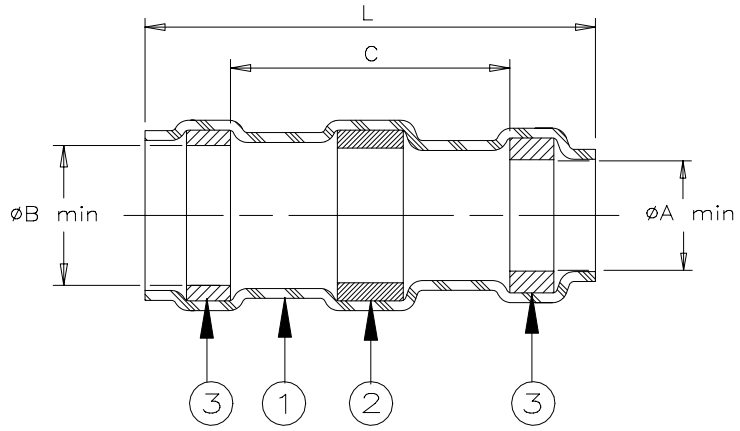
# SPECIFICATION CONTROL DRAWING




| Product Revision | | Product Dimensions | | | | | Cable Dimensions | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Product Name | | Ident. Code | L±1.75 (L±0.07) | øA min | øB min | øC min | øD max | øE max | øF min | øG min |
| ST18-1-00 | B | ST181R | 16.5 (0.650) | 1.90 (0.075) | 2.65 (0.105) | 8.25 (0.325) | 1.90 (0.075) | 2.65 (0.105) | 0.90 (0.035) | 0.50 (0.020) |
| ST18-2-00 | B | ST182R | 16.5 (0.650) | 2.65 (0.105) | 3.68 (0.145) | 8.25 (0.325) | 2.65 (0.105) | 3.68 (0.145) | 1.40 (0.055) | 0.72 (0.030) |
| ST18-3-00 | B | ST183R | 16.5 (0.650) | 4.30 (0.170) | 5.08 (0.200) | 8.25 (0.325) | 4.30 (0.170) | 5.08 (0.200) | 2.15 (0.085) | 1.25 (0.050) |
| ST18-4-00 | B | ST184R | 19.1 (0.750) | 5.95 (0.235) | 6.45 (0.255) | 8.25 (0.325) | 5.95 (0.235) | 6.45 (0.255) | 3.30 (0.130) | 1.80 (0.070) |
| ST18-5-00 | B | ST185R | 19.1 (0.750) | 7.00 (0.275) | 7.60 (0.300) | 8.25 (0.325) | 7.00 (0.275) | 7.60 (0.300) | 4.30 (0.170) | 2.50 (0.100) |

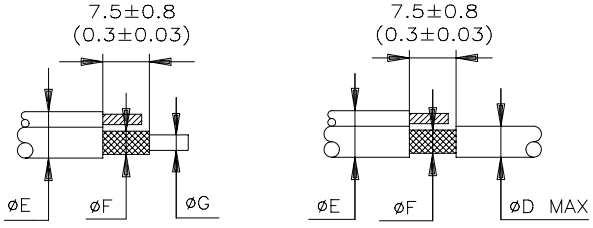
**MATERIALS**

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX:
   SOLDER: TYPE Cd18 per ANSI-J-STD-006.
   FLUX: TYPE ROL1 per ANSI-J-STD-004.
3. MELTABLE RINGS: Stabilized thermoplastic. Color: blue.

**APPLICATION**

1. These parts are designed to provide an environment protected shield terminations on cables, rated for 105°C minimum, meeting the dimensional criteria listed, having tin or silver plated shields.
2. When installed per Raychem process standard RCPS-100-70, assemblies will meet requirements of Raychem Specification RT-1404.
3. Temperature range: -55°C to +125°C.

For best results, prepare the cable as shown:

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|---|---|---|---|---|---|---|---|
| **Raychem** | THERMOFIT DEVICES | Raychem Corporation<br>300 Constitution Drive<br>Menlo Park, CA 94025<br>USA | TITLE: **SOLDERSLEEVE* SHIELD TERMINATOR, LOW TEMPERATURE** | | | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS. | | | DOCUMENT NO.: **ST18-X-00** | | | | |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A | ANGLES: N/A<br><br>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: D990187 | | REPLACES: D981345 | | |
| DRAWN BY: M. FORONDA | DATE: 03/22/99 | PROD. REV.: SEE TABLE | DOC ISSUE: 5 | SCALE: None | SIZE: A | SHEET: 1 of 1 | |