**STEP 1:** Hand anchorages with each A. ALL THREAD.
**STEP 2:** Install trumpet. Make sure gasket is installed between trumpet and anchorage.
**STEP 3:** Place O-ring in last corrugation of duct.
**STEP 4:** Slide duct inside trumpet.
**STEP 5:** Heat shrink duct to trumpet.
**STEP 6:** Place 0.6" wedge behind anchorage. Ensure bursting steel is concentric and parallel to path of tendon.
**STEP 7:** Perform vacuum test per foot #20-2.1.2
**STEP 8:** Install strands. Leave sufficient strand for stressing equipment.
**STEP 9:** Ensure wedge cavities are free of rust and clean prior to wedge installation.
**STEP 10:** Push wedges over strand and against the anchorage using "3" pipe.
**STEP 11:** Stress tendons after concrete has reached required strength per drawings and/or specification.
**STEP 12:** After stressing and approval from owners representative, cut strands 1' from face of anchorage.
**STEP 13:** Install blasting reinforcing support bar.
**STEP 14:** Install grout cap by torquing bolts to 15-FT-LB.
**STEP 15:** Perform pressure test per foot #20-2.1.2
**STEP 16:** Install temporary grout injection hardware.
**STEP 17:** Inject grout per grout injection procedure.
**STEP 18:** Remove all temporary hardware once grouting procedure is complete and cap or plug ports per drawings.

**NOTES:**
- Lubricate all O-rings for ease of installation.
- Epoxy is to be used on every permanent grout hose/coupler/plug threads. Teflon tape is to be used on every temporary grout hose/coupler/plug threads. Thread into all connections. Do not inject through vents.
- Make sure O-ring and washer is installed with grout cap bolt.
- Vents shown for reference only. For actual location, see placing drawings.
- Step-by-step installation procedure are generic, follow foot specific specifications and project specific requirements.
- Tendon filler material is grout.
SDI 4.6A ANCHORAGE

PART NO.: 71017
MATERIAL: ASTM A 536 GR. 80-55-06 (GALVANIZED)
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

SDI 4.6A ANCHORAGE

8" [203]

7/16" HOLE, TYP.

8" [203]

1/2" (13 MM)
INLET/OUTLET/VENT

1/2" (13 MM)
INLET/OUTLET/VENT

8" [203]

8" [203]

4X [118]

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SDI 4.6A TRUMPET

PART NO.: 75010
MATERIAL: POLYPROPYLENE PER ASTM D4101
CELL CLASS RANGE: PP03040644541 TO PP0304B67884
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

SDI 4.6A TRUMPET
DESIGN-BUILD CONTRACTOR
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SDI 4.6A TRUMPET GASKET

PART NO.: 70007

MATERIAL: 1/8" THICK - BUNA-N PER ASTM D2240 & D412
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"

SDI 4.6A TRUMPET GASKET

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0.6" BARE STRAND

PART NO: 21001
MATERIAL: 270 KSI LOW RELAXATION STEEL ACCORDING TO ASTM A416
MATERIAL MEETS ALL SPECIFICATIONS,
SCALE: 1:0" = 1:0"
SDI 0.6" WEDGE (2-PART)

PART NO.: 81001
MATERIAL: AISI 11L17 OR 12L14
MATERIAL MEETS ALL SPECIFICATIONS.
PART IDENTIFICATION MARKED ON CONTAINER
SCALE: 1'-0" = 1'-0"

SDI 0.6" WEDGE (2-PART)

SDI 0.6" WEDGE

SDI 0.6" WEDGE

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SDI 0.6" WEDGE

SDI 0.6" WEDGE

SDI 0.6" WEDGE
SDI 4.6A-PC PERMANENT GROUT CAP

PART NO.: 75008

MATERIAL: NYLON MEETING CELL CLASS S-PA0141, S-PA0231, OR S-PA0401

MATERIAL MEETS ALL SPECIFICATIONS.

SCALE: 6" = 1'-0"

(2) HOLES FOR 3/8" BOLTS

(13mm) GROUT HOSE THREAD

SDI 4.6A-PC PERMANENT GROUT CAP

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2   08/13/12
3   05/26/15
4   06/15/18

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3/8"-16 BOLT & WASHER

PART NO.: 77002 - SDI 2.6A-PC PERMANENT CAP BOLTS (L= 5")
77004 - SDI 12.6-PC PERMANENT CAP BOLTS (L= 2.5")
77006 - SDI 22.6-PC PERMANENT CAP BOLTS (L= 3")
77008 - SDI 4.6A-PC PERMANENT CAP BOLTS (L= 5")

MATERIAL: STAINLESS STEEL, TYPE 316 ACCORDING TO ASTM F593
MATERIAL MEETS ALL SPECIFICATIONS.

SCALE: 1'-0" = 1'-0"

MATERIAL MAY VARY FROM 0.04" TO 0.06" IN THICKNESS
### STANDARD O-RINGS

** MATERIAL: BUNA-N **

** MATERIAL MEETS ALL SPECIFICATIONS. **

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** STANDARD O-RINGS **

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SDI 4.6A STANDARD BURSTING REINFORCEMENT

SDI 4.6A ALTERNATIVE BURSTING REINFORCEMENT

FOR USE IN DECKS THAT REQUIRE MORE CONCRETE COVER

SDI 4.6A BURSTING REINFORCEMENT

PART NO.: 74031
MATERIAL: GRADE 60 STEEL ACCORDING TO ASTM A615
#3 REBAR, 2EA SETS OF BENT BARS
#3 REBAR, 4EA STRAIGHT BARS
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1-1/2" = 1'-0"

NOTE: PROJECT SPECIFIC REQUIREMENTS SUPERSEDE BURSTING STEEL REQUIREMENTS OF THIS SHEET

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HEAT SHRINK TUBING (PLA-63-YE)

PART NO.: 37002
MATERIAL: POLYOLEFIN
TUBULAR SLEEVE DIAMETER: 3.50" [89mm] AS SUPPLIED
2.50" [64mm] FULLY RECOVERED
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

NOTE: INSTALL PER MANUFACTURE’S RECOMMENDATION

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HEAT SHRINK TUBING (PLA-63-YE)

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DRAWING No: SDI-HD-185

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CanusaTube™ - PLA
Tubular sleeve for pipeline corrosion protection

Product Description

1

CanusaTubes™ are shipped with an inner release liner for protection from contamination.

2

Storage & Safety Guidelines

To ensure maximum performance, store Canusa products in a dry, ventilated area. Keep products sealed in original cartons and avoid exposure to direct sunlight, rain, snow, dust or other adverse environmental elements. Avoid prolonged storage at temperatures above 35°C (95°F) or below -20°C (-4°F). Product installation should be done in accordance with local health and safety regulations.

3

Equipment List

Propane tank, hose, torch & regulator
Appropriate tools for surface abrasion
Knife, roller, rags & approved solvent cleanser
Digital thermometer with suitable probe
Standard safety equipment: gloves, goggles, hard hat, etc.

4

Surface Preparation

Before welding together the carrier pipe, slide the CanusaTube Sleeve at least 1 m away from the cutback area of the joint.

5

Sleeve Installation

Ensure that the PE coating edges are bevelled to 30°. Clean exposed steel and adjacent pipe coating with a solvent cleanser to remove the presence of oil, grease, and other contaminants.

6

Ensure that the pipe dry before cleaning. Prepare the steel joint area to a minimum of St3/SP3. Lightly abrade the pipe coating adjacent to the weld area to a distance of 50mm (2”) beyond each end of the sleeve width.

7

Wipe clean or air blast the steel and pipe coating to remove foreign contaminants.

8

Sleeve Installation

Ensure that there is no dirt or moisture inside the tube and that the tube is not cut. If the sleeve is not usable, a one-piece Wrapid Sleeve or Canusa Wrap sleeve should be used.

9

Flame Intensity & Torch Size

Use moderate flame intensity for pre-heating and shrinking.
Minimum Torch Size: 150,000 BTU/hr.

10

Pre-Heat

Pre-Heat the joint area to a minimum of 60°C (140°F). Using a temperature measuring device, ensure the correct temperature is reached on the steel and at least 50mm (2”) on each side of the sleeve.

11

Sleeve Installation

Completely remove the inner release liner from the sleeve and centre the sleeve over the area to be sealed.

12

Using the appropriate sized torch, begin at the centre of the sleeve and heat circumferentially around the pipe. Use broad strokes.
Visually inspect the installed sleeve for the following:
• Sleeve is in full contact with the steel joint.
• Adhesive flows beyond both sleeve edges.
• No cracks or holes in sleeve backing.

Shrinking has been completed when the adhesive begins to ooze at the sleeve edges all around the circumference. Finish shrinking the sleeve with long horizontal strokes over the entire surface to ensure a uniform bond.

While the sleeve is still hot and soft, use a hand roller to firmly roll the sleeve surface and push any trapped air up and out of the sleeve, as shown above. If necessary, reheat to roll out air.

After shrinking is complete, allow the sleeve to cool for 2 hours prior to lowering and backfilling. To prevent damage to the sleeve, use selected backfill material, (no sharp stones or large particles) otherwise an extruded polyethylene mesh or other suitable shield should be used.
SDI 1x3 CORRUGATED PLASTIC DUCT

PART NO.: 32002

MATERIAL: POLYPROPYLENE

CELL CLASS RANGE: PP0340B44541 TO PP0340B67884

MATERIAL MEETS ALL SPECIFICATIONS.

MINIMUM BENDING RADIUS: 8 FT

SCALE: 6" = 1'-0"
SDI 1x3 SLIP-ON DUCT COUPLER

PART NO.: 33002

MATERIAL: POLYPROPYLENE

CELL CLASS RANGE: PP0340B44541 TO PP0340B67884

MATERIAL MEETS ALL SPECIFICATIONS.

SCALE: 6" = 1'-0"
3/4" NOM. (23mm) GROUT HOSE
PART NO.: 51001
MATERIAL: HDPE
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"

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1/2" NOM. (13mm) GROUT HOSE

PART NO.: 51002
MATERIAL: HDPE
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"

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1" DIAMETER BALL VALVE (TEMPORARY)

PART NO.: 52006
MATERIAL: PVC
PRESSURE RATING: 150 PSI
THREAD SIZE: 1" NPT
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"
1/2" DIAMETER BALL VALVE (TEMPORARY)

PART NO.: 52008
MATERIAL: PVC
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

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1/2" NOM. (13mm) GROUT TUBE PLUG

PART NO.: 55003
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"

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3/4" NOM. (23mm) GROUT TUBE PLUG

PART NO.: 55001
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"

3/4" NOM (23mm) GROUT TUBE PLUG

SCHWAGER DAVIS, INC.
DESIGN-BUILD CONTRACTOR
198 HILLSDALE AVENUE
SAN JOSE, CA 95136
PHONE: 408.281.9300
FAX: 408.281.9301
www.schwagerdavis.com

APPROVED CHECKED DRAWN REVISIONS
DATE

3/4" NOM (23mm) GROUT TUBE PLUG

SCHWAGER DAVIS, INC.
POST-TENSION SYSTEM LIBRARY

SCHWAGER DAVIS INC.

DRAWING No: SDI-HD-156

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<th>DATE</th>
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<td>MSC</td>
<td>MSC</td>
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1/2" NOM. (13mm) NPT COUPLER

PART NO.: S3011
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44514 TO PP0340B67884
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"

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PP WELDABLE GROUT PORT WITH 3/4" (23mm) GROUT THREAD

PART NO.: 57003
MATERIAL: POLYPROPYLENE
CELL CLASS: PP0340B44541 TO PP0340B67884
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"
**RED-i PT CABLE COATING GREASE**

RED-i PT CABLE COATING is specially formulated for the post tensioning construction industry, and exceeds the Post Tensioning Institute (PTI) specifications in corrosion protection for unbonded and single-strand tendons in corrosive service.

**Product Description:** RED-i PT CABLE COATING is a premium lithium grease fortified with effective corrosion inhibitors. The coating is specifically designed to provide extended protection against corrosion of metal cables or any metallic surface exposed to moisture.

**Features:**
- Adhesive properties protects metal surfaces from air, moisture, and sea water.
- Excellent corrosion and rust inhibition properties.
- Exceeds PTI specifications.
- Member Post Tensioning Institute.
- High dropping point.
- Contains antimicrobial agent.

**Typical Uses:**
- Preserves metallic cables and wires exposed to corrosive environments.
- Preserves steel reinforcement bars or rods used for concrete structures against corrosion.
- Recommended for use in marine and construction industries.

---

**Typical Specifications:**

<table>
<thead>
<tr>
<th>GRADE, NLGI</th>
<th>2</th>
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</thead>
<tbody>
<tr>
<td>Penetration @ 77° F. (ASTM Worked)</td>
<td>265-295</td>
</tr>
<tr>
<td>Dropping Point, ASTM D-2265, °F.</td>
<td>383</td>
</tr>
<tr>
<td>Color</td>
<td>Amber</td>
</tr>
<tr>
<td>Texture</td>
<td>Butter</td>
</tr>
<tr>
<td>Appearance</td>
<td>Smooth</td>
</tr>
<tr>
<td>Soap Type</td>
<td>Lithium</td>
</tr>
<tr>
<td>Soap, %</td>
<td>7.0</td>
</tr>
<tr>
<td>Rust Test, ASTM D-1743</td>
<td>Pass</td>
</tr>
<tr>
<td>Corrosion Test, ASTM B-117</td>
<td>Pass (No Rust)</td>
</tr>
<tr>
<td>Soak Test, ASTM B-117 Modified</td>
<td>Pass</td>
</tr>
<tr>
<td>Emulsification Of Coating</td>
<td>None</td>
</tr>
<tr>
<td>Oil Separation, FTM 321.2, Wt.%</td>
<td>0.5</td>
</tr>
<tr>
<td>Flash Point, ASTM D-92, Cocc, °F</td>
<td>350</td>
</tr>
<tr>
<td>Water Content, ASTM D-95, Wt.%</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Base Oil Viscosity</td>
<td></td>
</tr>
<tr>
<td>cSt. @ 40° C.</td>
<td>321.0</td>
</tr>
<tr>
<td>cSt. @ 100° C.</td>
<td>21.0</td>
</tr>
<tr>
<td>SUS@100° F.</td>
<td>74</td>
</tr>
<tr>
<td>Viscosity Index</td>
<td>&lt;0.5</td>
</tr>
<tr>
<td>Chlorides, PPM ASTM D-512</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Nitrates, PPM, ASTM D3867</td>
<td>8.54</td>
</tr>
<tr>
<td>Tensile Strength Change Of Polymer, ASTM D638</td>
<td></td>
</tr>
</tbody>
</table>

Values shown here are typical and may vary.
SET High Strength Epoxy-Tie® Anchoing Adhesive

SET Epoxy-Tie® epoxy is a two-component, 1:1 ratio, high solids, epoxy-based adhesive for use as a high strength, non-shrink anchor grouting material. Resin and hardener are dispensed and mixed simultaneously through the mixing nozzle. SET meets or exceeds the requirements of ASTM C-881 specification for Type I, II, IV and V, Grade 3, Class B and C.

USES
- Threaded-rod anchoring
- Rebar doweling
- Bonding hardened concrete to hardened concrete
- Pick-proof sealant around doors, windows and fixtures
- Paste-over for crack injection

CODE REPORTS
- ICC Evaluation Service ESR-1772 (formerly ICBO-ES ER-5279) (PDF) (CMU & URM)
- City of L.A. RR25279 (PDF)
- Caltrans approved
- Florida Statewide Product Approval FL11506.4
- multiple DOT listings
- NSF/ANSI Standard 61 (216 in²/1000 gal) (PDF), except SET1.7KTA
- SET-PAC EZ™ adhesive covered by ICC-ES, City of L.A. and NSF/ANSI listings only

The load tables list values based upon results from the most recent testing and may not reflect those in current code reports. Where code jurisdictions apply, consult the current

LINKS:
- Supplemental Topics for Adhesive Anchors
- Estimating Guide
- Limited Warranty Information
- Tension and Shear Load Tables
- Load-Adjustment Factors
- Documents:
  - Anchor Catalog Section (PDF)
  - Product Submittal (PDF)
  - Material Safety Data Sheet: SET (PDF)
  - Material Safety Data Sheet: SET en Español (PDF)
  - SET-PAC-EZ™ Epoxy-Tie® Anchoring Adhesive Flier (PDF)
  - Rebar Yield and Tensile Strength Embedments Technical Bulletin (PDF)
  - Rebar Yield and Tensile Strength Embedments (Canada) Technical Bulletin (PDF)
  - Anchor Tension Loads in Masonry Chair Block Technical Bulletin (PDF)
- Free Software:
  - Anchor Designer
  - Adhesive Cartridge Quantity Estimator
reports for applicable load values.

**APPLICATION**

Surfaces to receive epoxy must be clean. For installations in or through standing water, see Supplemental Topics for Adhesive Anchors for details. The base material temperature must be 40° F or above at the time of installation. For best results, material should be 70° - 80° F at the time of application. Cartridges should not be immersed in water to facilitate warming. To warm cold material, the cartridges should be stored in a warm, uniformly heated area or storage container for a sufficient time to allow epoxy to warm completely. Mixed material in nozzle can harden in 5-7 minutes at a temperature of 40° F or above.

**TEST CRITERIA**

Anchors installed with SET Epoxy-Tie® adhesive have been tested in accordance with ICC-ES's Acceptance Criteria for Adhesive Anchors (AC58) for the following:

- Seismic/wind loading
- Long-term creep at elevated-temperature
- Static loading at elevated-temperature
- Damp and water-filled holes
- Freeze-thaw conditions
- Critical and minimum edge distance and spacing

In addition, anchors installed with SET Epoxy-Tie® adhesive have been tested in accordance with ICC-ES's Acceptance Criteria for Unreinforced Masonry Anchors (AC60).

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST METHOD</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consistency</td>
<td>ASTM C 881</td>
<td>Non-sag/thixotropic paste</td>
</tr>
<tr>
<td>Heat deflection</td>
<td>ASTM D 648</td>
<td>136° F (58° C)</td>
</tr>
<tr>
<td>Bond strength (moist cure)</td>
<td>ASTM C 882</td>
<td>3,218 psi (2 days), 3,366 psi (14 days)</td>
</tr>
<tr>
<td>Water absorption</td>
<td>ASTM D 570</td>
<td>0.110% (24 hrs)</td>
</tr>
<tr>
<td>Compressive yield strength</td>
<td>ASTM D 695</td>
<td>5,065 psi (24 hours), 12,650 psi (7 days)</td>
</tr>
<tr>
<td>Compressive modulus</td>
<td>ASTM D 695</td>
<td>439,000 psi (7 days)</td>
</tr>
<tr>
<td>Gel time (75° F)</td>
<td>ASTM C 881</td>
<td>30 min - 60 gram mass, 60 min - thin film</td>
</tr>
</tbody>
</table>

**ACCESSORIES / RELATED PRODUCTS**

- Dispensing Tools
- Mixing Nozzles
- Plastic Anchoring Screens
- Steel Anchoring Screens
- Hole Cleaning Brushes

**SUGGESTED SPECIFICATIONS**

Anchoring adhesive shall be a two-component high-solids epoxy based system supplied in manufacturer’s standard cartridge and dispensed through a static-mixing nozzle supplied by the manufacturer. Epoxy shall meet the minimum requirements of ASTM C-881 specification for Type I, II, IV, and V, Grade 3, Class B and C and must develop a minimum 12,650 psi compressive yield strength after 7 day cure. Epoxy must have a heat deflection temperature of a minimum 136°F (58°C). Adhesive shall be SET Epoxy-Tie® adhesive from Simpson Strong-Tie, Pleasanton, CA. Anchors shall be installed per Simpson Strong-Tie instructions for SET Epoxy-Tie® adhesive.

**ASD DESIGN EXAMPLE**

For design example, click here.

**INSTALLATION**

**IMPORTANT** For installation instructions, click here.

**SHELF LIFE**

24 months from date of manufacture in unopened side-by-side cartridge. SET-PAC EZ™ cartridge - 24 months from date of manufacture, unopened.

**STORAGE CONDITIONS**

For best results store between 45° F - 90° F. To store partially used cartridges, leave hardened nozzle in place. To re-use, attach new nozzle.

**COLOR**

Resin – white, hardener – black
When properly mixed SET adhesive will be a uniform light gray color.

**CLEAN UP**

Uncured material – Wipe up with cotton cloths. If desired scrub area with abrasive, waterbased cleaner and flush with water. If approved, solvents such as ketones (MEK, acetone, etc.), lacquer thinner or adhesive remover can be used. DO NOT USE SOLVENTS TO CLEAN ADHESIVE FROM SKIN. Take appropriate precautions when handling flammable solvents. Solvents may damage surfaces to which they are applied. Cured material – Chip or grind off surface.

**CHEMICAL RESISTANCE**
Very good to excellent against distilled water, inorganic acids and alkalis. Fair to good against organic acids and alkalis, and many organic solvents. Poor against ketones. For more detailed information download Technical Bulletin T-SAS-CHEMRES08 (PDF).

SET Cartridge Systems

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Capacity (cubic inches)</th>
<th>Cartridge Type</th>
<th>Carton Quantity</th>
<th>Dispensing Tool(s)</th>
<th>Mixing Nozzle</th>
</tr>
</thead>
<tbody>
<tr>
<td>SET1.7KTA</td>
<td>1.7 (3.1)</td>
<td>side-by-side</td>
<td>12</td>
<td>Adaptor included for standard caulking tool</td>
<td>EMN1.7 (2 included)</td>
</tr>
<tr>
<td>SET-PAC-EZ</td>
<td>8.5 (16.2)</td>
<td>single</td>
<td>12</td>
<td>CDT10 or high quality standard caulking tool</td>
<td>2 included</td>
</tr>
<tr>
<td>SET22</td>
<td>22 (39.7)</td>
<td>side-by-side</td>
<td>10</td>
<td>EDT22B, EDT22AP, or EDT22CKT</td>
<td>EMN22i</td>
</tr>
<tr>
<td>SET56</td>
<td>56 (101.1)</td>
<td>side-by-side</td>
<td>6</td>
<td>EDT56AP</td>
<td>EMN22i or EMN50</td>
</tr>
</tbody>
</table>

1. Bulk containers also available, contact Simpson Strong-Tie for details.
2. Cartridge and bulk estimation guides are available.
3. Detailed information on dispensing tools, mixing nozzles and other adhesive accessories is available.
4. Use only appropriate Simpson Strong-Tie mixing nozzle in accordance with Simpson’s instructions. Modification or improper use of mixing nozzle may impair epoxy performance.

Cure Schedule

<table>
<thead>
<tr>
<th>Base Material Temperature</th>
<th>Cure Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>40°F</td>
<td>72 hrs.</td>
</tr>
<tr>
<td>65°F</td>
<td>24 hrs.</td>
</tr>
<tr>
<td>85°F</td>
<td>20 hrs.</td>
</tr>
<tr>
<td>90°F</td>
<td>16 hrs.</td>
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</table>

In-Service Temperature Sensitivity

<table>
<thead>
<tr>
<th>Base Material Temperature</th>
<th>% Allowable Load</th>
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<tbody>
<tr>
<td>40°F</td>
<td>100%</td>
</tr>
<tr>
<td>70°F</td>
<td>100%</td>
</tr>
<tr>
<td>110°F</td>
<td>100%</td>
</tr>
<tr>
<td>135°F</td>
<td>75%</td>
</tr>
<tr>
<td>150°F</td>
<td>44%</td>
</tr>
<tr>
<td>180°F</td>
<td>20%</td>
</tr>
</tbody>
</table>

1. Refer to temperature sensitivity chart for allowable bond strength reduction for temperature. See Supplemental Topics for Adhesive Anchors.
2. Percent allowable load may be linearly interpolated for intermediate base material temperatures.
3. °C = (°F-32) / 1.8
POLY-TEMP® MD
MEDIUM DENSITY THREAD SEAL TAPE

WWW.ANTISEIZE.COM

Product Description

POLY-TEMP® MD Medium Density Thread Seal Tape is a general purpose PTFE Thread Seal Tape designed to be used on all types of metal and plastic pipe threads.

Our POLY-TEMP® Tapes are made from 99.9% virgin PTFE resins for optimum purity and performance. POLY-TEMP® MD Medium Density Thread Seal Tape is malleable to easily conform to thread profiles to ensure a positive seal.

Because POLY-TEMP® MD Medium Density Thread Seal Tape is composed of pure PTFE, it touts an extremely broad range of chemical compatibilities and is unaffected by most chemicals and concentrations.

POLY-TEMP® MD Medium Density Thread Seal Tape is our most popular grade of thread sealing tape and has been Industry Leader for over 30 years.

Features & Benefits

- Meets FDA and USDA requirements
- UL Listed
- Ideal for all taper thread connections
- PTFE’s high lubricity makes for easy assembly
- Only 3 wraps need for most applications
- Chemically inert, non-Toxic
- Suitable for oxygen service
- Our most popular grade of Thread Seal Tape
- Easy to handle and apply
- Temperature range from -400°F to 550°F (-240°C to 287°C)
- Pressures up to 10,000psi (Liquid), 2000 psi (Gas)
- Connections can be put into service right away, no dry time
- Never dries out and an unlimited shelf life.
- Meets MIL-T-27730A
- Extremely versatile.

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tr>
<td>Color</td>
<td>White</td>
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<tr>
<td>Thickness</td>
<td>3.5 mils</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.7 to 0.8g/cc</td>
</tr>
<tr>
<td>Toxicity</td>
<td>Non toxic</td>
</tr>
<tr>
<td>RoHS</td>
<td>Compliant</td>
</tr>
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</table>

Cautions

Read all information on labels and Material Safety Data Sheets prior to use. All products should be tested and evaluated for a particular purpose prior to use.

Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

Available In:

<table>
<thead>
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<th>Size</th>
<th>P/N</th>
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</thead>
<tbody>
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<td>16006</td>
</tr>
<tr>
<td>½&quot;x520&quot;</td>
<td>16025</td>
</tr>
<tr>
<td>½&quot;x260&quot;</td>
<td>16030</td>
</tr>
<tr>
<td>⅜&quot;x520&quot;</td>
<td>16035</td>
</tr>
<tr>
<td>½&quot;x1296&quot;</td>
<td>16040</td>
</tr>
<tr>
<td>¼&quot;x60&quot;</td>
<td></td>
</tr>
<tr>
<td>⅜&quot;x260&quot;</td>
<td>16045</td>
</tr>
<tr>
<td>⅜&quot;x520&quot;</td>
<td>16050</td>
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<tr>
<td>½&quot;x260&quot;</td>
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<td>½&quot;x520&quot;</td>
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<td>16035A</td>
</tr>
<tr>
<td>⅜&quot;x520&quot;</td>
<td>16050A</td>
</tr>
</tbody>
</table>

POLY-TEMP® IS A REGISTERED TRADEMARK OF ANTI-SEIZE TECHNOLOGY

www.antiseize.com