SDI 12.6 ANCHOR HEAD

PART NO.: 71006
MATERIAL: ASTM A 536 GR. 60-55-06
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

(3) 5/8" - 16 x 1" DEEP BOLT HOLES EQUALLY SPACED ON 6/8" B.C.
SDI 12.6-PC BEARING PLATE

PART NO.: 72003
MATERIAL: ASTM A 536 GR. 80-55-06
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 3"=1'-0"

COIL THREAD FOR 1/2" NOM. (23MM) GROUT TUBE

(2) 3/8" DIA. HOLES ON A 10" B.C.

SDI 12.6-PC

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**STANDARD O-RINGS**

**MATERIAL:** BUNA-N

**MATERIAL MEETS ALL SPECIFICATIONS.**
SDI 12.6 TRUMPET

PART NO: 73003
MATERIAL: HDPE
MATERIAL MEETS ALL SPECIFICATIONS,
SCALE: 3" = 1'-0"
SDI 12.6-PC SPIRAL
PART NO.: 74006
MATERIAL: GRADE 60 STEEL ACCORDING TO ASTM A615
#4 REBAR - 13" O.D.
6 TURNS AT 3" PITCH
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1-1/2" = 1'-0"
NOTE: PROJECT SPECIFIC REQUIREMENTS WILL SUPERSede
BURSTING STEEL REQUIREMENTS OF THIS SHEET
SDI 12.6-PC PERMANENT GROUT CAP

PART NO.: 75002
MATERIAL: NYLON MEETING CELL CLASS S-PA0141, S-PA0231, OR S-PA0401
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 3" = 1'-0"

SDI 12.6-PC PERMANENT GROUT CAP

(3) HOLES FOR 
\( \frac{3}{8} " \) - 16 BOLTS

\( \frac{3}{8} " \) NOM. (13MM) GROUT HOSE THREAD
(TOP PORT)

\( \frac{1}{2} " \) NOM. (13MM) GROUT HOSE THREAD
(SIDE PORT) (OPTIONAL)

SDI

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SDI 12.6-PC PERMANENT GROUT CAP

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SDI-HD-053

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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"

WASHER MAY VARY FROM 0.04" TO 0.06" IN THICKNESS

3/8" [10]

\( \frac{1}{8} [14] \)

\( \frac{1}{8} [6] \)

VARIES SEE LENGTHS BELOW

1" [25]
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)**

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

---

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SDI 3" CORRUGATED PLASTIC DUCT

PART NO.: 32004
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
BENDING RADIUS: 8 FT
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"
SDI 3" SNAP-ON DUCT COUPLER

PART NO.: 33204

MATERIAL: POLYPROPYLENE

CELL CLASS RANGE: PP0340B44541 TO PP0340B67884

MATERIAL MEETS ALL SPECIFICATIONS.

SCALE: 6" = 1'-0"

SDI 3.0 33204
SDI 3" SNAP RING

PART NO: 33304
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B4541 TO PP0340B87884
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

SDI 3" SNAP RING

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SDI 3" SLIP-ON DUCT COUPLER

PART NO.: 33004
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"
HEAT SHRINK TUBING (PLA-90-YE)

PART NO.: 37004
MATERIAL: POLYOLEFIN
TUBULAR SLEEVE DIAMETER: 4.80" [122mm] AS SUPPLIED
3.30" [84mm] FULLY RECOVERED
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

NOTE: INSTALL PER MANUFACTURER'S RECOMMENDATION
**CanusaTube™ - PLA**

**Product Description**

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

**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.

**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.

**Surface Preparation**

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

**Sleeve Installation**

- 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.

**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.

**Surface Preparation**

- 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.

**Sleeve Installation**

- 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.

- Sleeve Installation

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

- Using the appropriate sized torch, begin at the centre of the sleeve and heat circumferentially around the pipe. Use broad strokes.
Canusa Tube™ - PLA

Sleeve Installation

Continue heating from the centre toward one end of the sleeve until recovery is complete. In a similar manner, heat and shrink the remaining side. With a yellow backing, a pink-orange shade will appear when the proper temperature has been reached.

Inspection

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.

Backfilling Guidelines

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.

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.

Canusa warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the installation guide when used in compliance with Canusa’s written instructions.

Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith. Canusa's liability is stated in the standard terms and conditions of sale. Canusa makes no other warranty either expressed or implied. All information contained in this installation guide is to be used as a guide and is subject to change without notice. This installation guide supersedes all previous installation guides on this product. E80E
SDI 3" SEGMENT COUPLER SLIDE HOUSING

PART NO.: 33101
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"
SDI 3” SEGMENT COUPLER SEAL

PART NO.: 33103
MATERIAL: BUNA-N PER ASTM D2240 & D412
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

SDI 3" SEGMENT COUPLER SEAL

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MSC  09/19/14
MSC  05/26/15
MSC  06/07/16
MSC  06/28/18

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SDI 3" SEGMENT COUPLER WELDED HOUSING

**SDI 3" SEGMENT COUPLER WELDED HOUSING**

**PART NO.:** 33100

**MATERIAL:** POLYPROPYLENE

**CELL CLASS RANGE:** PP0340B44541 TO PP0340B67884

**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"

SDI-HD-153
1/2" NOM. (13mm) NPT COUPLER

PART NO.: 53011
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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1/2" NOM. (13mm) GROUT HOSE

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

---

0.72" [18] 0.59" [15]
1/2" NOM. (13mm) GROUT TUBE COUPLER

PART NO.: 53008
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B63784
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1'-0" = 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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**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"

---

**Drawing Information**

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<tr>
<td>Design-Build Contractor</td>
</tr>
<tr>
<td>198 Hillsdale Avenue</td>
</tr>
<tr>
<td>San Jose, CA 95136</td>
</tr>
<tr>
<td>Phone: 408.281.9300</td>
</tr>
<tr>
<td>Fax: 408.281.9301</td>
</tr>
<tr>
<td><a href="http://www.schwagerdavis.com">www.schwagerdavis.com</a></td>
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**Release Information**

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*These drawings contain proprietary information restricted solely for use on this project. These drawings may not be reproduced in whole or in part, for any other use without the expressed written permission of Schwager Davis Inc. (SDI). SDI does not make any judgment nor warranty, expressed or implied, as to the adequacy of the structural design by others and hereby disclaims any liability for designs of others.*
3/4" NOM. (23mm) NPT COUPLER

PART NO.: 53005
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL PROJECT SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"

3/4" NOM. (23mm) NPT COUPLER

PART NO.: 53005
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL PROJECT SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"

3/4" NOM. (23mm) NPT COUPLER

PART NO.: 53005
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL PROJECT SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"

3/4" NOM. (23mm) NPT COUPLER

PART NO.: 53005
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL PROJECT SPECIFICATIONS.
SCALE: 1'-0" = 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"

3/4" NOM. (23mm) GROUT HOSE

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

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SDI GROUT PORT PLUG

PART NO.: 55004
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

MSC
MSC
MHA

0
RELEASE
MHA
MSC
MSC
04/02/14

1
UPDATE
CSM
MSC
MSC
05/26/15

2
UPDATE
JSA
MSC
MSC
06/10/18

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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"

THESE DRAWINGS CONTAIN PROPRIETARY INFORMATION RESTRICTED SOLELY FOR USE ON THIS PROJECT. THESE DRAWINGS MAY NOT BE REPRODUCED IN WHOLE OR IN PART, FOR ANY OTHER USE WITHOUT THE EXPRESSED WRITTEN PERMISSION OF SCHWAGER DAVIS INC. (SDI). SDI DOES NOT MAKE ANY JUDGMENT NOR WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ADEQUACY OF THE STRUCTURAL DESIGN BY OTHERS AND HEREBY DISCLAIMS ANY LIABILITY FOR DESIGNS OF OTHERS.
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>
</tr>
</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, Coc, °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® Anchoring 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
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>
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<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

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<th>Base Material Temperature</th>
<th>Cure Time</th>
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<tr>
<td>°F</td>
<td>°C</td>
</tr>
<tr>
<td>65</td>
<td>18</td>
</tr>
<tr>
<td>85</td>
<td>29</td>
</tr>
<tr>
<td>90</td>
<td>32</td>
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In-Service Temperature Sensitivity

<table>
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<tr>
<th>Base Material Temperature</th>
<th>Percent Allowable Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>°F</td>
<td>°C</td>
</tr>
<tr>
<td>70</td>
<td>21</td>
</tr>
<tr>
<td>110</td>
<td>43</td>
</tr>
<tr>
<td>135</td>
<td>57</td>
</tr>
<tr>
<td>150</td>
<td>66</td>
</tr>
<tr>
<td>180</td>
<td>82</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
**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 tapper 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 -400F to 550F ( -240C to 287C)
- 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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</thead>
<tbody>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<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>
</tbody>
</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:**

Size: ½”x 60” ¼”x520” ½”x260” ½”x520” ½”x1296”
P/N: 16006 16025 16030 16035 16040

Size: ½”x260” ¾”x520” 1”x260” 1”x520”
P/N: 16045 16050 16055 16060

Size: Counter Display ½”x260” 1/2”x520” ¾”x520”
P/N: 16030A 16035A 16050A

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