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The following notes apply to the notes on the drawing:

a. 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.

b. Make sure grouts and washers is installed with grout cap小米.

c. Mapei MX-18 is recommended for reference only. For actual location, see placing drawings. Vent can be oriented to act as drain.

d. See segment coupler installation plan for parts and assembly information.

e. Follow butt fusion procedure for all butt joints per manufacturer's installation procedures.

f. All non-ferrous components contain virgin material.

These drawings may not be sold or reproduced in any manner.
SDI 27.6 ANCHOR HEAD

PART NO.: 71012
MATERIAL: ASTM A 356 GR. 80-05-06
MATERIAL MEETS ALL SPECIFICATIONS,
SCALE: 3" = 1'-0"

SCHWAGER DAVIS, INC.
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SCHWAGER DAVIS, INC.
POST-TENSION SYSTEM LIBRARY

SDI-HD-061

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**STANDARD O-RINGS**

**MATERIAL:** BUNA-N

**MATERIAL MEETS ALL SPECIFICATIONS.**

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SDI 27.6 TRUMPET

PART NO.: 73006
MATERIAL: HDPE

MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1-1/2" = 1'-0"

SDI 27.6 TRUMPET

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SDI 27.6-PC6 SPIRAL

PART NO.: 74016
MATERIAL: GRADE 60 STEEL ACCORDING TO ASTM A615
#4 REBAR - 17” O.D.
7.7 TURNS AT 2.25” PITCH
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1-1/2” = 1'-0”

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

"FOR USE WHEN CONCRETE STRENGTH AT TIME OF
STRESSING IS 6,000 PSI OR HIGHER."
SDI 27.6-PC PERMANENT GROUT CAP

PART NO.: 75005
MATERIAL: NYLON 66, 30% GLASS FILLED
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 3" = 1'-0"

SDI 27.6-PC

13MM GROUT HOSE THREAD (TOP PORT)

(3) HOLES FOR 1/4" - 13 BOLTS

75005
"DATE CODE"

SDI 27.6-PC PERMANENT GROUT CAP

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1/2"-13 BOLT & WASHER

PART NO.: 77007 - SDI 27.5-PC PERMANENT CAP BOLTS
77009 - SDI 31.6-PC PERMANENT CAP BOLTS

MATERIAL: STAINLESS STEEL, TYPE 316 ACCORDING TO ASTM F593
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"

WASHER MAY VARY FROM
0.055" TO 0.069" IN THICKNESS
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 4.5" CORRUGATED PLASTIC DUCT
PART NO.: 32006
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
BENDING RADIUS: 15’
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

SDI 4.5" CORRUGATED PLASTIC DUCT
PART NO.: 32006
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
BENDING RADIUS: 15’
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"
SDI 4.5" SNAP-ON DUCT COUPLER
PART NO: 33206
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"
**SDI 4.5" SNAP RING**

PART NO: 33306

MATERIAL: POLYPROPYLENE

CELL CLASS RANGE: PP0304B44541 TO PP0340B87884

MATERIAL MEETS ALL SPECIFICATIONS.

SCALE: 6" = 1'-0"

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**SDI HD-171**

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SDI 4.5" SLIP-ON DUCT COUPLER

PART NO.: 33006
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"
HEAT SHRINK TUBING (PLA-125-YE)

PART NO.: 37006
MATERIAL: POLYOLEFIN
TUBULAR SLEEVE DIAMETER: 6.30" [160mm] AS SUPPLIED
4.30" [109mm] FULLY RECOVERED

MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

NOTE: FOLLOW MANUFACTURE INSTALLATION INSTRUCTIONS

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CanusaTube™ - PLA
Tubular sleeve for pipeline corrosion protection

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.

Surface Preparation
Before welding together the carrier pipe, slide the Canusa Tube sleeve at least 1 m away from the cutback area of the joint.

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

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.

Sleeve Installation
Using the appropriate sized torch, begin at the centre of the sleeve and heat circumferentially around the pipe. Use broad strokes.

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.

Flame Intensity & Torch Size
Use moderate flame intensity for pre-heating and shrinking.
Minimum Torch Size: 150,000 BTU/hr.
CanusaTube™ - PLA

Sleeve Installation

13

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.

14

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.

15

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.

Inspection

16

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.

Backfilling Guidelines

17

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 4.5" SEGMENT COUPLER SLIDE HOUSING

PART NO.: 33116
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

SDI 4.5 33116

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SDI 4.5" SEGMENT COUPLER SLIDE HOUSING

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FAX: 408.281.9301
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MSC JMY MHA
RELEASE 0 12/06/13

MSC MHA JMY MSC
UPDATE 09/19/14

MSC CSM MSC MSC
UPDATE 05/26/15

MSC JSA MSC MSC
UPDATE 06/29/18
SDI 4.5" SEGMENT COUPLER SEAL

PART NO.: 33118
MATERIAL: BUNA-N PER ASTM D2240, & D412
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"
SDI 4.5" SEGMENT COUPLER WELDED HOUSING

PART NO.: 33115
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 6" = 1'-0"

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1/2" DIAMETER BALL VALVE (TEMPORARY)

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

1/2" DIAMETER BALL VALVE (TEMPORARY)
1/2" NOM. (13mm) NPT COUPLER
PART NO.: SD1011
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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05/26/15

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MSC

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JSA
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06/19/18
1/2" NOM. (13mm) GROUT HOSE

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

LENGTH VARIES

1/2" NO. 13mm GROUT HOSE

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06/12/18

SCHWAGER DAVIS INC.
POST-TENSION SYSTEM LIBRARY
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"
3/4" NOM. (23mm) NPT COUPLER

PART NO.: S3005
MATERIAL: POLYPROPYLENE
CELL CLASS RANGE: PP0340B44541 TO PP0340B67884
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL PROJECT SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"

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

REACTIONS
DATE
0
RELEASE
MHA
MSC
MSC
10/10/14
1
UPDATE
CSM
MSC
MSC
05/26/15
2
UPDATE
MHA
JMY
JMY
06/30/15
3
UPDATE
JSA
MSC
MSC
06/19/18

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

PART NO.: 51001
MATERIAL: HDPE
PRESSURE RATING: 150 PSI
MATERIAL MEETS ALL SPECIFICATIONS.
SCALE: 1'-0" = 1'-0"
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"
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

PART NO.: 55001
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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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"

SCHWAGER DAVIS, INC.
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MSC
MSC
MSC

UPDATE
UPDATE
UPDATE

03/25/14
05/26/14
06/20/18

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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"
**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 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 FL.11506.4
- 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 code reports.

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>
</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>

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 ounces (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>22.0 (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>56.0 (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>°F</td>
<td>°C</td>
</tr>
<tr>
<td>40</td>
<td>4</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>
</tr>
</tbody>
</table>

In-Service Temperature Sensitivity

<table>
<thead>
<tr>
<th>Base Material Temperature</th>
<th>Percent Allowable Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>°F</td>
<td>°C</td>
</tr>
<tr>
<td>40</td>
<td>4</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 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 -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>
</tr>
</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” x 520” ½” x 260” ½” x 520” ½” x 1296”
P/N: 16006 16025 16030 16035 16040

Size: ¾” x 260” ⅞” x 520” 1” x 260” 1” x 520”
P/N: 16045 16050 16055 16060

Size: Counter Display ½” x 260” 1/2” x 520” ¾” x 520”
P/N: 16030A 16035A 16050A

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