13. Replace and tighten the sealing fitting’s plug immediately to avoid the SpeedSeal compound from gelling and fouling the threads. See Figure 9.

14. SpeedSeal material should be used immediately. After one minute, dispose of any unused material.

15. For EYS and EVD sealing fittings, after replacing the plugs, attach the red nameplate to the sealing fitting with the plastic band. Each modification kit is provided with an appropriate number of nameplates and bands. Place the nameplate for maximum visibility.

Table 1 - The Maximum Number of Conductors that can be Sealed in a Fitting

<table>
<thead>
<tr>
<th>Size AWG or kcmil</th>
<th>1/2” Seal (Qty/PT Size)</th>
<th>3/4” Seal (Qty/PT Size)</th>
<th>1” Seal (Qty/PT Size)</th>
<th>1-1/2” Seal (Qty/PT Size)</th>
<th>THHN</th>
<th>2” Seal (Qty/PT Size)</th>
</tr>
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<tbody>
<tr>
<td>3</td>
<td>3 (3-3/4”)</td>
<td>3 (3-3/4”)</td>
<td>3 (3-3/4”)</td>
<td>3 (3-3/4”)</td>
<td>15</td>
<td>3 (3-3/4”)</td>
</tr>
<tr>
<td>4</td>
<td>1 (2-1/4”)</td>
<td>1 (2-1/4”)</td>
<td>1 (2-1/4”)</td>
<td>1 (2-1/4”)</td>
<td>20</td>
<td>1 (2-1/4”)</td>
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<tr>
<td>5</td>
<td>1 (2-1/4”)</td>
<td>1 (2-1/4”)</td>
<td>1 (2-1/4”)</td>
<td>1 (2-1/4”)</td>
<td>25</td>
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<tr>
<td>6</td>
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<td>1 (2-1/4”)</td>
<td>1 (2-1/4”)</td>
<td>1 (2-1/4”)</td>
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<td></td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>35</td>
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<tr>
<td></td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>40</td>
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</tbody>
</table>

NOTE: Latest Safety Data Sheet for the CHICO SpeedSeal Compound is available in the Resources section of the Crouse-Hinds website at www.crouse-hinds.com.

CHICO SpeedSeal Compound
Fast Acting Sealing Compound for use with Crouse-Hinds series EYS, EYSX, EYD and EYDX Sealing Fittings
Installation & Maintenance Information

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

CAUTION

CHICO SpeedSeal compound is to be used only with Crouse-Hinds EYS and EVD type sealing fittings in 3/4” to 2” trade sizes. SpeedSeal compound is suitable for Class I, Groups C, D, Class II, Groups E, F, and Class III when used with EYS and EVD sealing fittings.

CAUTION

To avoid explosion hazard, the temperature of the CHICO SpeedSeal Compound must be between 50°F (10°C) and 85°F (29°C) before mixing. Sealing fittings must be at a temperature above 40°F (4°C).

CAUTION

To avoid explosion hazard, discard any unused CHICO SpeedSeal compound 1-1/2 years after date of manufactured on packaging.


AVERTISSEMENT


PRECAUTION

El compuesto CHICO SpeedSeal se puede utilizar con equipo de sellado del tipo EYS para tornillos comerciales de 3/4” a 2”. El compuesto CHICO SpeedSeal (sellado rápido) es apropiado para Clase I, Grupos C & D, Clase II, Grupos E, F y Clase III cuando se utiliza con equipos de sellar del tipo EYS, EVD.

PRECAUTION

Utilice la protección adecuada para sus ojos y guantes protectores de plástico cuando mezcle y aplique el compuesto CHICO SpeedSeal para prevenir daños personales.

AVERTISSEMENT

El contenido desarrollará una presión interna después de mezclarse. Retire la barra mezcladora inmediatamente después de mezclar para prevenir que la presión aumente y produzca una repentina explosión que podría lesionarlo. Contiene isocianatos - puede ser sensible a la piel y al olfato. Puede causar irritación de ojos, piel y garganta. No requiere los vapores. Utilícese en lugares con una adecuada ventilación. Evite el contacto con los ojos, piel y ropa.


All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Eaton’s Crouse-Hinds Division’s Terms and Conditions of Sale, and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.
Crouse-Hinds CHICO SpeedSeal Compound may be used to seal in both horizontal and vertical installations. CHICO SpeedSeal material must be used with CHICO X Fiber in vertical installations. The CHICO X Fiber is used to create a dam to prevent the SpeedSeal material from running down the conduit system before it sets. Damming is not required in horizontal conduit runs. However, to prevent the sealing compound from coming out of the conduit or adjacent enclosure, CHICO X Fiber dam needs to be used in the sealing fittings integral buildups.

Preparing EYS Sealing Fittings
1. Remove the pipe plug from the EYS sealing fitting.
2. For vertical installations, it is necessary to use CHICO X Fiber to make a dam in the bottom conduit hub. The dam will prevent the ungelled SpeedSeal Compound from leaking out of the sealing chamber.

NOTE: SEPARATION OF INDIVIDUAL CONDUCTORS IS NOT REQUIRED – THE SPEEDSEAL COMPOUND WILL SEPARATE THE CONDUCTORS AS IT EXPANDS.
3. To properly make a dam in conduit hub, use EYS TOOL KIT or hardwood stick, to force the conductors forward. Do not use metal tools.
4. Pack the fiber into the bottom conduit hub behind the conductors.
5. Push the conductors toward the back of the fitting and pack fiber in bottom conduit hub in front of conductors. It is not critical that the conductors are separated. The SpeedSeal Compound will expand and fill around the individual conductors. However, a good dam is required to prevent the fluid material from leaking out of the sealing chamber.
6. Do not leave any shreds of fiber clinging to the side wall of sealing chamber or to the conduits. Such shreds, when embedded in the sealing compound, may form leakage channels. The completed dam should be even with the integral bushing (conduit stop).
7. In vertical installations, if the EYS sealing fitting is the type with two (2) threaded openings, replace the thread plug in the bottom (larger) opening. The sealing compound will be poured into the top opening. In horizontal installations, replace the plug in the smaller opening. The sealing compound will be poured into the larger opening.

Mixing and Dispensing SpeedSeal Compound
1. READ ALL INSTRUCTIONS PRIOR TO MIXING. SPEEDSEAL COMPOUND BEGINS TO EXPAND VERY QUICKLY. BE SURE TO FAMILIARIZE YOURSELF WITH THE INSTRUCTIONS ON THE FOLLOWING PAGES BEFORE MIXING. THIS WILL ENSURE PROPER INSTALLATION.
2. Make sure that SpeedSeal material is at a temperature between 59°F (15°C) and 85°F (29°C).
3. WEAR SAFETY GLASSES AND PROTECTIVE GLOVES.
4. Check the mixing rod to ensure that it isn’t overly tight or loose. To do this, hold the cartridge with the red end cap facing up and squeeze the cartridge in the area around the plunger. This will hold plunger in place. See Figure 3. Turn counterclockwise slightly to loosen, then clockwise to re-tighten snugly.
5. Remove the tape band from the cartridge.
6. Pull the mixing rod up to the top of the cartridge. See Figure 4.
7. Squeeze the cartridge in the area of the removed tape band to deform the foil barrier between the two materials. See Figure 5.