

Applications:

EYSR retrofit sealing fittings are installed:

- In rigid metal conduit systems in Class I, Division 2 hazardous locations
- To replace installed Eaton's Crouse-Hinds series EYS or EYD sealing fittings
- Without disassembly of the conduit system
- In vertical or horizontal positions, indoors or outdoors
- To restrict the passage of gases, vapors or flames from one portion of the electrical system to another at atmospheric pressures and normal ambient temperatures
- To limit explosions to the sealed off enclosure
- To limit pre-compression or "pressure piling" in the conduit system
- To prevent accumulation of water in the conduit system when installed with an ECD15 drain

Features:

- Seal may be installed in the existing conduit run without disassembly of the conduit system, saving time and labor
- Overall length and spacing requirements do not exceed those of standard EYS seals; permits close nesting of seals
- Pipe plugs permit the installation of a standard ECD15 drain fitting (ordered separately) for use in vertical conduit runs to drain any water that might accumulate in the conduit system
- Steel set screws provide grounding continuity
- Suitable for vertical and horizontal installations for indoor and outdoor applications
- Available in $\frac{3}{4}$ " to 4" NPT sizes

Certifications and compliances:

NEC:

- Class I, Division 2, Groups C, D
- Class II, Division 2, Groups E, F, G

CEC:

- Class I, Division 1, Groups C, D
- Class II, Division 1, Groups E, F, G

CSA standard:

- C22.2 No. 30

Standard materials:

- Body – Feraloy iron alloy
- Pipe plugs, bolts and set screws – steel
- Gasket – neoprene

Standard finishes:

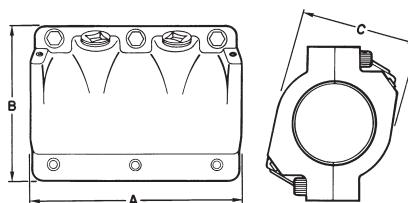
- Feraloy iron alloy – electrogalvanized and aluminum acrylic paint
- Steel – electrogalvanized
- Gasket – natural



Ordering information:

| Hub size | Cat. # | Approximate internal volume in cubic inches ^A | | Approximate amount (oz.) of fiber per hub | |
|------------------|--------|--|-----------------|---|---------------|
| | | Vertical | Horizontal | Vertical | Horizontal |
| $\frac{3}{4}$ " | EYSR2 | $3\frac{1}{2}$ | $5\frac{3}{4}$ | $\frac{1}{16}$ | $\frac{1}{8}$ |
| 1" | EYSR3 | $4\frac{3}{4}$ | $9\frac{1}{2}$ | $\frac{1}{8}$ | $\frac{1}{4}$ |
| $1\frac{1}{4}$ " | EYSR4 | 7 | $13\frac{1}{2}$ | $\frac{1}{4}$ | $\frac{1}{2}$ |
| $1\frac{1}{2}$ " | EYSR5 | $12\frac{1}{4}$ | $24\frac{1}{4}$ | $\frac{1}{2}$ | 1 |
| 2" | EYSR6 | $25\frac{3}{4}$ | $40\frac{1}{2}$ | 1 | 2 |
| $2\frac{1}{2}$ " | EYSR7 | 48 | $75\frac{1}{2}$ | $1\frac{1}{2}$ | 3 |
| 3" | EYSR8 | $86\frac{1}{2}$ | 126 | 2 | 4 |
| $3\frac{1}{2}$ " | EYSR9 | 147 | 210 | $4\frac{1}{2}$ | 9 |
| 4" | EYSR10 | 186 | 252 | $4\frac{1}{2}$ | 9 |

Dimensions (in inches):



| Hub size | A | B | C |
|------------------|------------------|-----------------|----------------|
| $\frac{3}{4}$ " | $3\frac{11}{16}$ | $2\frac{1}{2}$ | $1\frac{1}{2}$ |
| 1" | $4\frac{3}{8}$ | $3\frac{1}{8}$ | $3\frac{1}{8}$ |
| $1\frac{1}{4}$ " | 5 | $3\frac{3}{8}$ | 3 |
| $1\frac{1}{2}$ " | $5\frac{1}{4}$ | $3\frac{3}{8}$ | 3 |
| 2" | $6\frac{1}{4}$ | 4 | 3 |
| $2\frac{1}{2}$ " | $7\frac{1}{2}$ | 5 | $3\frac{1}{8}$ |
| 3" | $8\frac{1}{2}$ | $5\frac{1}{2}$ | $4\frac{1}{4}$ |
| $3\frac{1}{2}$ " | $9\frac{13}{64}$ | $6\frac{1}{16}$ | $4\frac{3}{4}$ |
| 4" | $9\frac{3}{4}$ | $6\frac{5}{8}$ | $5\frac{1}{4}$ |

EYSR sealing fittings are approved for use in hazardous locations only when Chico A sealing compound and Chico X fiber are used to make the seal.

^AUse the approximate internal volume in cubic inches to determine how much Chico A sealing compound is required.