

EYSR retrofit sealing fittings

Cl. I, Div. 2, Groups C, D
Cl. II, Div. 2, Groups E, F, G
Explosionproof
Dust-ignitionproof

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 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:

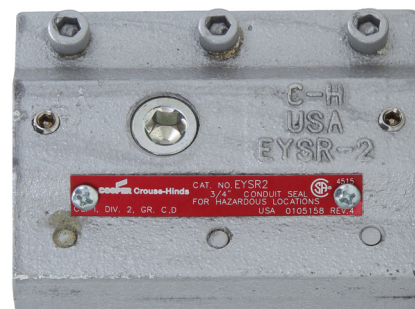
- C22.2 No. 30

Standard materials:

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

Standard finishes:

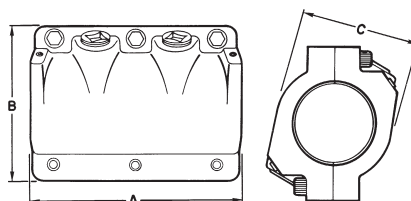
- Feraloy iron alloy – electrogalvanized and aluminum acrylic paint
- Steel – electrogalvanized
- Gasket – natural



Ordering information:

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

Dimensions (in inches):



Hub size	A	B	C
3/4"	3 11/16	2 1/2	1 1/2
1"	4 3/8	3 1/8	3 1/8
1 1/4"	5	3 3/8	3
1 1/2"	5 1/4	3 5/8	3
2"	6 1/4	4	3
2 1/2"	7 1/2	5	3 3/8
3"	8 1/2	5 1/2	4 1/4
3 1/2"	9 13/64	6 1/16	4 3/4
4"	9 3/4	6 5/8	5 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.

[Ⓐ] Use the approximate internal volume in cubic inches to determine how much Chico A sealing compound is required.