

Sealing Fittings

Explosionproof, Dust-Ignitionproof

For Use with Threaded Rigid Metal Conduit and IMC.

Applications

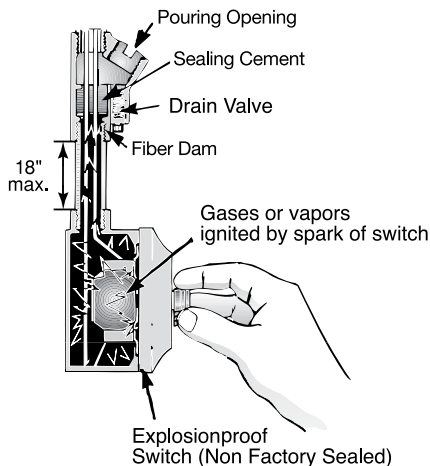
- Prevent passage of gases, vapors or flames from one portion of conduit system to another. Restrict any explosion to the sealed off enclosure. Prevent pressure piling within conduit system.
- Required in Class I, Division 1 and 2 locations within 18" of enclosures containing apparatus that may cause arcs, sparks or high temperatures.
- Required in Class I, Division 1 and 2 locations where 2" or larger conduit enters enclosure, fitting housing terminals, splices or taps.
- Required in Class I, Division 1 and 2 locations at the boundary where conduit leaves classified location.
- Required in Class I, Division 1 and 2 locations where two or more enclosures are connected by 36" or less conduit. Seal must be located within 18" of either enclosure.
- Required where cables (which exceed rate of gas or vapor transmission permitted for seals) are used in Class I, Division 2 locations.

Features

- Explosionproof, dust-ignitionproof, raintight.
- Smooth, rounded integral bushing in each hub protects conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and ground continuity.
- Removable nipple in male sealing fitting may be used interchangeably in top or bottom hub.
- EYA/EYAM—for sealing vertical conduit. Large opening for damming and filling.
- Expanded fill EYAX/EYDX— allow up to 40% conduit fill in compliance with the National Electrical Code.
- EY/EYM—for sealing vertical conduit. Large opening for damming and filling.

Illustrated Features

Sealing fittings prevent passage of gases, vapors or flames from one portion of a conduit system to another. They also restrict large amounts of ignitable gases or vapors from accumulating to confine explosive pressure.



- EYD/EYDM Drain Sealing Fittings—close radius type for sealing vertical conduit runs. Access cover has drain valve for automatic draining of water accumulation above the seal.
- UL Listed for use with Kwiko™ A Sealing Compound. Also listed with certain competitors sealing cement, contact factory for details.

Standard Materials

- EYA/EYAM: malleable iron or Almag 35 aluminum
- EYAX/EYDX and EYD/EYDM seals: malleable iron
- EY/EYM: Grayloy®-iron

Standard Finishes

- Malleable iron and Grayloy®-iron products have triple-coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat,
- Almag 35 aluminum products have epoxy powder coat

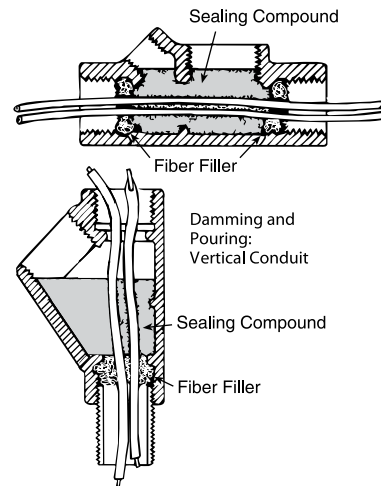
NEC/CEC Certifications and Compliances

- UL Standard: 886
- UL Listed: E34997, E10444
- CSA Standard: C22.2 No. 30
- CSA Certified: 009795
- NEC Articles 500-503 and 505
- Mil. Spec: Mil-F-28675

Related Products

- Kwiko™ A sealing cement and fiber filler

OZ-Gedney sealing fittings are suitable for Class I and II locations. EYA/EYAM, EYAX/EYDX and EY/EYM are for sealing vertical conduit. EYD/EYDM also have drain valves.



EYDX 40% Fill Expanded Fill Sealing Fittings for Close Turning Radius

Explosionproof, Dust-Ignitionproof, Raintight

For Use with Threaded Rigid Metal Conduit and IMC.



NEC/CEC:

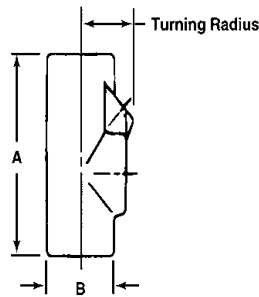
Class I, Division 1 and 2, Groups A◇, B◆, C, D

Class II, Division 1 and 2, Groups E, F, G

Class III

HAZARDOUS LOCATION FITTINGS: NEC/CEC EXPLOSIONPROOF SEALING FITTINGS

	Trade Size (Inches)	Millimeters (Inches)			Kwiko™ A Cement Required Grams (Ounces)	Catalog Number Ductile/Malleable Iron
		A (Length)	B (Width)	Turning Radius ①		
EYDX Female 1/2"-4" Vertical Drain Seals for Close Turning Radius						
	1/2	3-11/16	1-1/4	1-1/2	114 (4.00)	EYDX-50
	3/4	4-5/16	1-3/8	1-3/4	170 (6.00)	EYDX-75
1/2" — 3/4"	1	5-1/16	1-3/4	2-3/16	198 (7.00)	EYDX-100
	1-1/4	5-1/2	2-1/16	2-7/16	369 (13.00)	EYDX-125
	1-1/2	6-1/4	2-5/16	3	624 (22.00)	EYDX-150
	2	7-1/2	2-5/8	3-1/2	1021 (36.00)	EYDX-200
	2-1/2	8-1/2	3	4-1/4	1729 (61.00)	EYDX-250
	3	9-3/16	3-5/16	4-3/4	2523 (89.00)	EYDX-300
4"						



* Per NEC 501.15(C)(6), seals in Class I, Division 1 and 2 must be limited to conductor fill of 25% of cross sectional area of a rigid metal conduit of the same trade size unless approved for higher percentage fill. See 40% fill sealing fittings.

① Turning radius with cover or plug removed.