

# Sealing Fittings

## Explosionproof, Dust-Ignitionproof

For Use with Threaded Rigid Metal Conduit and IMC.

### Applications

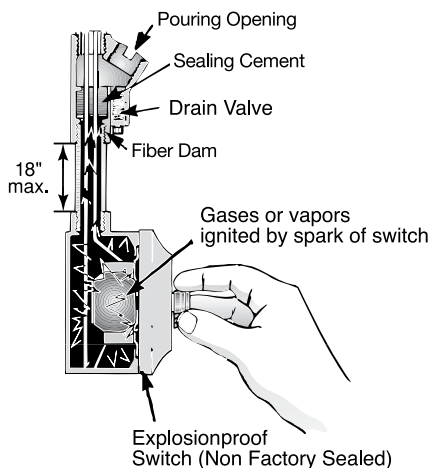
- Prevent passage of gases, vapors or flames from one portion of conduit system to another. Restrict any explosion to the sealed off enclosure. Prevent pressure piling within conduit system.
- Required in Class I, Division 1 and 2 locations within 18" of enclosures containing apparatus that may cause 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

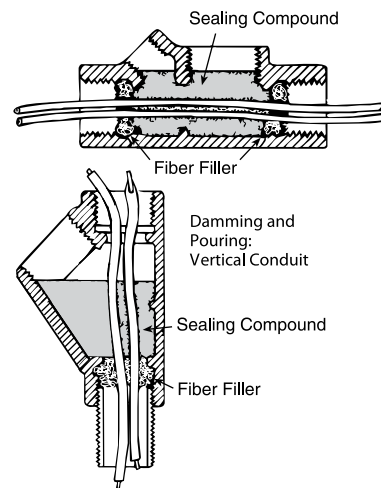
### NEC/CEC Certifications and Compliances

- 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.



# EYA 25% \* Fill Vertical and Horizontal Conduit Sealing Fittings

For Close Turning Radius. Explosionproof, Dust-Ignitionproof, Raintight.

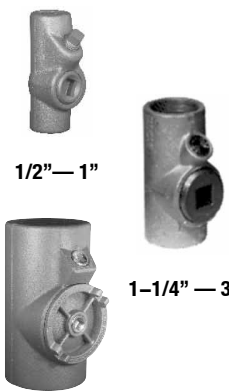
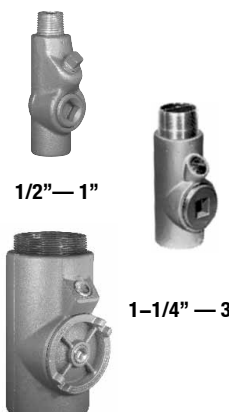
For Use with Threaded Rigid Metal Conduit and IMC.

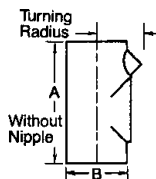
NEC/CEC:

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

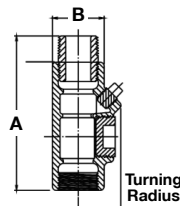
Class II, Division 1 and 2, Groups E, F, G

Class III

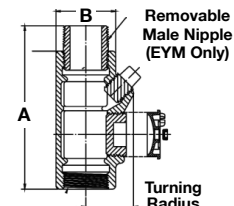
	Trade Size (Inches)	Millimeters (Inches)			Kwiko™ A Cement Required Grams (Ounces)	Catalog Number	
		A (Length)	B (Width)	Turning Radius		Malleable Iron	Almag 35 Aluminum
<b>Female</b>							
 <p>1/2" — 1" 1-1/4" — 3"</p>	1/2	88.9 (3.50)	30.2 (1.19)	26.9 (1.06)	28.4 (1.00)	EYA-50 ◇	EYA-50A ◇
	3/4	88.9 (3.50)	35.0 (1.38)	30.2 (1.19)	56.7 (2.00)	EYA-75 ◇	EYA-75A ◇
	1	107.9 (4.25)	44.4 (1.75)	35.0 (1.38)	113.4 (4.00)	EYA-100 ◇	EYA-100A ◇
	1-1/4	125.4 (4.94)	50.8 (2.00)	44.4 (1.75)	198.4 (7.00)	EYA-125 ◆	EYA-125A
	1-1/2	139.7 (5.50)	60.4 (2.38)	52.3 (2.06)	368.5 (13.00)	EYA-150 ◆	EYA-150A
	2	155.7 (6.13)	73.1 (2.88)	58.6 (2.31)	623.7 (22.00)	EYA-200 ◆	EYA-200A
	2-1/2	190.5 (7.50)	85.8 (3.38)	68.3 (2.69)	1020.6 (36.00)	EYA-250 ◆	EYA-250A
	3	206.5 (8.13)	104.9 (4.13)	79.5 (3.13)	1729.3 (61.00)	EYA-300 ◆	EYA-300A
	3-1/2	227.0 (8.94)	120.6 (4.75)	87.3 (3.44)	2523.1 (89.00)	EYA-350 ◆	EYA-350A
	4	238.2 (9.38)	130.3 (5.13)	93.7 (3.69)	3231.8 (114.00)	EYA-400 ◆	EYA-400A
	5	274.5 (10.81)	158.7 (6.25)	119.1 (4.69)	5726.6 (202.00)	EYA-500 ①	—
	6	299.9 (11.81)	185.6 (7.31)	136.6 (5.38)	6520.4 (230.00)	EYA-600 ①	—
<b>Male/Female (Removable Male Nipple)</b>							
 <p>1/2" — 1" 1-1/4" — 3"</p>	1/2	119.9 (4.72)	30.2 (1.19)	26.9 (1.06)	28.4 (1.00)	EYAM-50 ◇	EYAM-50A ◇
	3/4	119.6 (4.71)	35.0 (1.38)	30.2 (1.19)	56.7 (2.00)	EYAM-75 ◇	EYAM-75A ◇
	1	137.7 (5.42)	44.4 (1.75)	35.0 (1.38)	113.4 (4.00)	EYAM-100 ◇	EYAM-100A ◇
	1-1/4	160.3 (6.31)	50.8 (2.00)	44.4 (1.75)	198.4 (7.00)	EYAM-125 ◆	EYAM-125A
	1-1/2	177.3 (6.98)	60.4 (2.38)	52.3 (2.06)	368.5 (13.00)	EYAM-150 ◆	EYAM-150A
	2	195.3 (7.69)	73.1 (2.88)	58.6 (2.31)	623.7 (22.00)	EYAM-200 ◆	EYAM-200A
	2-1/2	236.2 (9.30)	85.8 (3.38)	68.3 (2.69)	1020.6 (36.00)	EYAM-250 ◆	EYAM-250A
	3	263.4 (10.37)	104.9 (4.13)	79.5 (3.13)	1729.3 (61.00)	EYAM-300 ◆	EYAM-300A
	3-1/2	282.7 (11.13)	120.6 (4.75)	87.3 (3.44)	2523.1 (89.00)	EYAM-350 ◆	EYAM-350A
	4	299.0 (11.77)	130.3 (5.13)	93.7 (3.69)	3231.8 (114.00)	EYAM-400 ◆	EYAM-400A
	5	329.4 (12.97)	158.7 (6.25)	119.1 (4.69)	5726.6 (202.00)	EYAM-500 ①	—
	6	358.6 (14.12)	185.6 (7.31)	136.6 (5.38)	6520.4 (230.00)	EYAM-600 ①	—



EYA 1/2" — 6"



EYAM 1/2" — 1"



EYAM 1-1/4" — 6"

\* 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 Not UL Listed. CSA Certified only.

◇ Indicates items in the shaded area which are UL Listed for Class I, Groups A, B, C, D; Class II, Groups E, F, G; and Class III.

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HAZARDOUS LOCATION FITTINGS: NEC/CEC EXPLOSIONPROOF SEALING FITTINGS

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