EYDX Expanded Fill Sealing Fittings With Drains

Cl. I, Div. 1 & 2, Groups B, C, D§
Cl. II, Div. 1, Groups E, F, G
Cl. II, Div. 2, Groups F, G
Cl. III

Explosionproof
Dust-Ignitionproof

Chico Sealing Compound and Fiber see pages 155–156

Applications:

EYDX Expanded Fill Sealing Fittings with drains:

- Restrict the passage of gases, vapors or flames from one portion of the electrical installation to another at atmospheric pressure and normal ambient temperatures
- Limit explosions to the sealed-off enclosure
- Prevent precompression or "pressure piling" in conduit systems
- Provide 40% wire fill capacity to allow uninterrupted runs in a conduit system

Drain sealing fittings are installed in vertical conduit runs and at low points in conduit systems to prevent accumulation of condensate above seal.

For sealing fittings requirements see page 139.

Features:

EYDX Expanded Fill drain sealing fittings provide:

- A 40% wire fill capacity for expanded fill sealing
- Drain to provide continuous, automatic drainage of condensate
- Large openings with threaded closures to provide easy access to conduit hubs for making dams
- Integral bushings to protect conductor insulation from damage
- Taper-tapped hubs to ensure ground continuity

Certifications and Compliances:

- NEC/CEC:

  EYDX11 – EYDX81

  Class I, Division 1 and 2, Groups B, C, D
  Class II, Division 1, Groups E, F, G
  Class II, Division 2, Groups F, G
  Class III

  EYDX1 SA – EYDX8 SA

  Class I, Division 1 and 2, Groups C, D
  Class II, Division 1, Groups F, G
  Class II, Division 2, Groups F, G
  Class III
- UL Standard: 1203
- CSA Standard: C22.2 No. 30

Standard Materials:

- Bodies and drain covers – *Feraloy*® iron alloy, and ductile iron or copper-free aluminum (SA Suffix)
- Closure for drain – copper-free aluminum or malleable iron
- Small closure plug – *Feraloy* iron alloy and/or steel or copper-free aluminum (SA Suffix)
- Drain – stainless steel

Standard Finishes:

- *Feraloy* iron alloy and ductile iron – electrogalvanized and aluminum acrylic paint
- Copper-free aluminum – natural
- Stainless steel – natural
- Steel – electrogalvanized

Options:

Description	Suffix
Copper-free aluminum bodies and enclosures	SA

Size Ranges:

- EYDX – ½" – 3"

Sealing Fittings are approved for use in hazardous locations only when *Chico*® *X* fiber and *Chico A* sealing compound or Chico SpeedSeal are used to make the seal.

½" – ¾" 1" – 3"

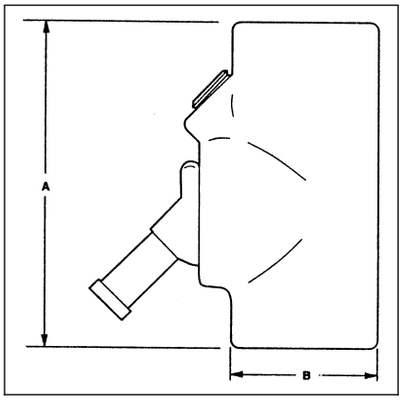
Ordering Information

Hub Size	Female Hub Cat #	Internal Volume in Cubic Inches
½	**EYDX11***	2
½	**EYDX1 SA**	2
¾	**EYDX21***	3¾
¾	**EYDX2 SA**	3¾
1	**EYDX31**	8
1	**EYDX3 SA**	8
1¼	**EYDX41**	20
1¼	**EYDX4 SA**	20
1½	**EYDX51**	20
1½	**EYDX5 SA**	20
2	**EYDX61**	57
2	**EYDX6 SA**	57
2½	**EYDX71**	75
2½	**EYDX7 SA**	75
3	**EYDX81**	105
3	**EYDX8 SA**	105

§ See Certifications and Compliances for classification of each product.
* Feraloy®

Dimensions

In Inches:



EYDX NPT

Size	A	B	Turning Radius
½	3 11/16	13/4	1 29/32
¾	4 5/16	2 3/16	2 3/8
1	5 1/16	2 3/16	1-27/32†
1¼	6 1/4	3	2-5/16†
1½	6 1/4	3	2-5/16†
2	8 1/2	4 1/4	3-5/16†
2½	9 3/16	4 3/4	3-7/16†
3	9 3/4	5 1/4	3-1/2†

†With drain cover removed.

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