

# ATX™ DB Series IIC Flexible Couplings

Increased Safety. Flameproof.

ATEX/IECEX:  
 Zone 1 and 2 - 21 and 22  
 II 2 GD Ex d IIC  
 IP66/67

## Applications

- Used in areas where vibration and/or movement are a problem.
- Used in place of rigid conduit in where it would be difficult to bend conduit.

## Standard Materials

- Stainless steel

## ATEX/IECEX Certifications and Compliances

- Certification Type FLEXCO
  - Gas: Zones 1
  - Type of Protection: Ex d IIC Gb
  - Dust: Zone 21
  - Type of Protection: Ex t IIIIC Db
- Conforming to ATEX 94/9/CE: II 2G 2D



- Operating Temperatures: -40 °C to +150 °C (-40 °F to +302 °F)
- CE Declaration of Conformity: 5C247
- ATEX Certificate: LCIE 11 ATEX 3006U
- IECEx Certificate: IECEx LCIE 12.0011U
- Index of Protection according EN/IEC 60529: IP66

### Male/Male — To be used with fire-retardant seals or unions,

Tapered Thread (NPT)	Length mm (in)	Weight kg (lb)	Volume dm <sup>3</sup> (in <sup>3</sup> )	Catalog Number	Pack
1/2"	100 (3.94)	0.65 (1.43)	1 (61)	500060	1
1/2"	170 (6.69)	0.7 (1.54)	1.75 (107)	500061	1
1/2"	250 (9.84)	0.7 (1.54)	2.5 (153)	500106	1
1/2"	300 (11.81)	0.75 (1.65)	3 (183)	500062	1
1/2"	400 (15.75)	0.8 (1.76)	4 (244)	500063	1
1/2"	500 (19.68)	0.85 (1.87)	5 (305)	500064	1
1/2"	600 (23.62)	0.9 (1.98)	6 (366)	500065	1
1/2"	700 (27.56)	0.95 (2.09)	7 (427)	500066	1
1/2"	800 (31.50)	1.0 (2.20)	8 (488)	500067	1
1/2"	900 (35.43)	1.05 (2.31)	9 (549)	500068	1
1/2"	1000 (39.37)	1.1 (2.43)	10 (610)	500069	1
3/4"	300 (11.81)	0.75 (1.65)	3 (183)	500070	1
3/4"	400 (15.75)	0.8 (1.76)	1 (61)	500071	1
3/4"	500 (19.68)	0.85 (1.87)	5 (305)	500072	1
3/4"	600 (23.62)	0.9 (1.98)	6 (366)	500073	1
3/4"	700 (27.56)	0.95 (2.09)	7 (427)	500074	1
3/4"	800 (31.50)	1.0 (2.20)	8 (488)	500075	1
3/4"	900 (35.43)	1.05 (2.31)	9 (549)	500076	1
3/4"	1000 (39.37)	1.1 (2.43)	10 (610)	500077	1
1"	300 (11.81)	0.75 (1.65)	3 (183)	500078	1
1"	400 (15.75)	0.8 (1.76)	1 (61)	500079	1
1"	500 (19.68)	0.85 (1.87)	5 (305)	500080	1
1"	600 (23.62)	0.9 (1.98)	6 (366)	500081	1
1"	700 (27.56)	0.95 (2.09)	7 (427)	500082	1
1"	800 (31.50)	1.0 (2.20)	8 (488)	500083	1
1"	900 (35.43)	1.05 (2.31)	9 (549)	500084	1
1"	1000 (39.37)	1.1 (2.43)	3 (183)	500085	1
1-1/4"	300 (11.81)	0.75 (1.65)	3 (183)	500086	1
1-1/4"	400 (15.75)	0.8 (1.76)	3 (183)	500087	1
1-1/4"	500 (19.68)	0.85 (1.87)	5 (305)	500088	1
1-1/4"	600 (23.62)	0.9 (1.98)	6 (366)	500089	1
1-1/4"	700 (27.56)	0.95 (2.09)	7 (427)	500090	1
1-1/4"	800 (31.50)	1.0 (2.20)	8 (488)	500091	1
1-1/4"	900 (35.43)	1.05 (2.31)	9 (549)	500092	1
1-1/4"	1000 (39.37)	1.1 (2.43)	10 (610)	500093	1
1-1/2"	300 (11.81)	0.75 (1.65)	3 (183)	500094	1
1-1/2"	400 (15.75)	0.8 (1.76)	1 (61)	500095	1
1-1/2"	500 (19.68)	0.85 (1.87)	5 (305)	500096	1
1-1/2"	600 (23.62)	0.9 (1.98)	6 (366)	500097	1
1-1/2"	700 (27.56)	0.95 (2.09)	7 (427)	500098	1

# EY 40% Fill Expanded Fill Sealing Fittings for Close Turning Radius

## Explosionproof, Dust-Ignitionproof, Raintight

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC.

### NEC/CEC:

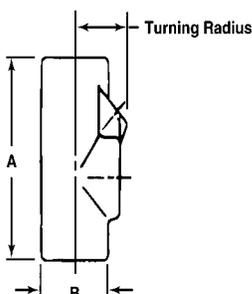
Class I, Division 1 and 2, Groups A◇, B◆, C, D

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

Class III

	Trade Size (Inches)	Millimeters (Inches)		Turning Radius ①	Kwiko™ A Cement Required Grams (Ounces)	Catalog Number	
		A (Length)	B (Width)			Malleable Iron	Almag 35 Aluminum
<b>EYSEF Female 1/2"-4" Vertical and Horizontal Conduit Seals for Close Turning Radius</b>							
 1/2" — 3/4"   1" — 2-1/2"   3" — 4"	1/2	93.7 (3.69)	38.1 (1.50)	31.7 (1.25)	56.8 (2.00)	EYSEF50 ◇	EYSEF50AL ◇
	3/4	109.4 (4.31)	44.4 (1.75)	35.0 (1.38)	113.5 (4.00)	EYSEF75 ◇	EYSEF75AL ◇
	1	128.5 (5.06)	55.6 (2.19)	44.4 (1.75)	198.6 (7.00)	EYSEF100 ◆	EYSEF100AL ◆
	1-1/4	139.7 (5.50)	61.9 (2.44)	52.3 (2.06)	368.9 (13.00)	EYSEF125 ◆	EYSEF125AL ◆
	1-1/2	158.7 (6.25)	76.2 (3.00)	58.6 (2.31)	624.3 (22.00)	EYSEF150 ◆	EYSEF150AL
	2	190.5 (7.50)	88.9 (3.50)	66.8 (2.63)	1,021.5 (36.00)	EYSEF200 ◆	EYSEF200AL
	2-1/2	215.9 (8.50)	107.9 (4.25)	76.2 (3.00)	1,730.9 (61.00)	EYSEF250 ◆	EYSEF250AL
	3	233.4 (9.19)	120.6 (4.75)	84.0 (3.31)	2,525.4 (89.00)	EYSEF300 ◆	EYSEF300AL
	3-1/2	247.6 (9.75)	133.3 (5.25)	91.1 (3.59)	3,234.8 (114.00)	EYSEF350 ◆	EYSEF350AL
	4	280.9 (11.06)	165.1 (6.50)	107.1 (4.22)	5,726.6 (202.00)	EYSEF400	EYSEF400AL

<b>EYDEF Female 1/2"-4" Vertical Drain Seals for Close Turning Radius</b>							
 1/2" — 3/4"   1" — 2-1/2"   3" — 4"	1/2	93.7 (3.69)	38.1 (1.50)	31.7 (1.25)	113.5 (4.00)	EYDEF50 ◆	EYDEF50AL ◆
	3/4	109.4 (4.31)	44.4 (1.75)	35.0 (1.38)	170.3 (6.00)	EYDEF75 ◆	EYDEF75AL ◆
	1	128.5 (5.06)	55.6 (2.19)	44.4 (1.75)	198.6 (7.00)	EYDEF100 ◆	EYDEF100AL ◆
	1-1/4	139.7 (5.50)	61.9 (2.44)	52.3 (2.06)	368.9 (13.00)	EYDEF125 ◆	EYDEF125AL ◆
	1-1/2	158.7 (6.25)	76.2 (3.00)	58.6 (2.31)	624.3 (22.00)	EYDEF150 ◆	EYDEF150AL
	2	190.5 (7.50)	88.9 (3.50)	66.8 (2.63)	1,021.5 (36.00)	EYDEF200 ◆	EYDEF200AL
	2-1/2	215.9 (8.50)	107.9 (4.25)	76.2 (3.00)	1,730.9 (61.00)	EYDEF250 ◆	EYDEF250AL
	3	233.4 (9.19)	120.6 (4.75)	84.0 (3.31)	2,525.4 (89.00)	EYDEF300 ◆	EYDEF300AL
	3-1/2	247.6 (9.75)	133.3 (5.25)	91.1 (3.59)	3,234.8 (114.00)	EYDEF350 ◆	EYDEF350AL
	4	280.9 (11.06)	165.1 (6.50)	107.1 (4.22)	5,726.6 (202.00)	EYDEF400	EYDEF400AL



① Turning radius with cover or plug removed.

◇ 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.

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