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UNF75NR 3/4" Female Union

Appleton/Oz Gedney

Catalog Number	UNF75NR
Manufacturer	Appleton/Oz Gedney
Description	Union, 3/4 In Trade Size, Unf Model, Zinc Electro-Plated, Threaded Connection, 1.47 In Length, 1.75 In Diameter, 0.4 LB
Weight per unit	0.4000 (lbs/each)
Product Category	Rigid Conduit Fittings - Steel

Features

connection	Female Threaded
Material	Steel IN
outside diameter	1.75 in

Dimensions and Weight

Length	522 W
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Descriptions

Description	3/4" FEMALE UNION
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Manufacturer Information

Brand	APPLETON
GTIN	00781381234122
sub brand	UNILETS
UPC	781381234122

Taxonomies, Classifications, and Categories

Category Description	HAZARDOUS LOCATION FITTINGS
Type	UNF Union

Packaging

Carton	10
Package	50
Weight Per each	0.4

Uses, Certifications, and Standards

Application	For Connecting Conduit To Conduit
standard	UL 886 (1203), UL File Number E10444, UL Listed for Class I, Groups A, B, C, d; Class II, Groups E, F, G; and Class III, CSA C22.2 No. 25, C22.2 No. 30, CSA 065181 Certified

UNY, UNF, and UNL Unions

Explosionproof, Dust-Ignitionproof

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

Applications

- UNY and UNF unions are used for joining conduit and connecting conduit to enclosures. Facilitates modifications, permits removal of enclosures without turning or removal of conduit.
- Expansion unions compensate for expansion and contraction of conduit.

Features

- Explosionproof, dust-ignitionproof.
- Smooth, rounded integral bushing in each hub protects conductor insulation.
- Accurately tapped, tapered threads for tight, rigid joints and ground continuity.
- Non-expansion unions
 - Concentric ring interlocked design of 1/2", 3/4" and 1" sizes makes possible smaller diameter, allowing use in tighter spaces. 1-1/4" and larger UNY sizes have removable male nipple.
 - Concretetight
- Expansion unions
 - One-piece design eliminates need for disassembly during installation.
 - Telescoping cylinder within cylinder design permits expansion or contraction.
 - Standard or long types available.
 - Small external diameters—excellent in restricted areas in wiring of pumps, motors, and other equipment.
 - Internal phosphor bronze "bonding jumper" ring assures positive ground between telescoping cylinders.

Standard Materials

- UNY and UNF (non-expansion) unions:
 - 1/2" thru 1": steel or aluminum
 - 1-1/4" thru 6": malleable iron or copperfree (4/10 of 1% max.) aluminum
- UNY and UNF expansion unions: steel
- UNL unions: malleable iron and steel

Standard Finishes

- Malleable iron products: triplecoat — (1) zinc electroplate, (2) chromate and (3) epoxy powder coat
- Steel products: zinc electroplate
- Aluminum products 1/2" thru 4": natural

Options

- Stainless steel UNF/UNY available 1/2", 3/4", and 1". Add suffix **-SS** to catalog number.

NEC/CEC Certifications and Compliances

- UL Standard: 886 (1203)
- UL Listed: E10444
- CSA Standard: C22.2 No. 25, C22.2 No. 30
- CSA Certified: 065181



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Explosionproof, Dust-Ignitionproof

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

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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 CONDUIT FITTINGS

Appleton

Size (Inches)	Millimeters (Inches)		Steel (1/2" to 1")	Catalog Number	
	A	B		Malleable (1-1/4" to 6")	Aluminum (1/2" to 4")

UNY Unions – For connecting conduit to enclosure

Male/Female (Nipple Not Removable)

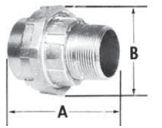


1/2" – 1"

1/2	54.4 (2.15)	37.3 (1.47)
3/4-1/2	54.8 (2.16)	37.3 (1.47)
3/4	54.8 (2.16)	44.5 (1.75)
1	66.7 (2.62)	50.8 (2.00)

UNY50NR ◊	–	UNY50NR-A ◊
UNY75-50NR ◊	–	UNY75-50NR-A ◊
UNY75NR ◊	–	UNY75NR-A ◊
UNY100NR ◊	–	UNY100NR-A ◊

Male/Female (Removable Male Nipple)

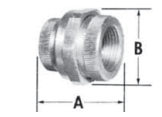


1-1/4" – 4"

1-1/4	79.4 (3.13)	71.4 (2.81)
1-1/2	82.6 (3.25)	77.8 (3.06)
2	92.1 (3.63)	94.5 (3.72)
2-1/2	122.2 (4.81)	123.8 (4.88)
3	122.2 (4.81)	136.5 (5.38)
3-1/2	125.4 (4.94)	149.2 (5.88)
4	130.2 (5.13)	163.5 (6.44)
5	142.9 (5.63)	212.7 (8.33)
6	146.1 (5.75)	244.5 (9.63)

–	UNY125NR ◆	UNY125NR-A ◆
–	UNY150NR ◆	UNY150NR-A ◆
–	UNY200NR ◆	UNY200NR-A ◆
–	UNY250R ◆	UNY250R-A ◆
–	UNY300R ◆	UNY300R-A ◆
–	UNY350R ◆	UNY350R-A ◆
–	UNY400R ◆	UNY400R-A ◆
–	UNY500R	–
–	UNY600R	–

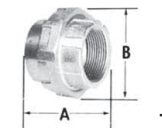
UNF Female Unions – For connecting conduit to conduit



1/2" – 1"

1/2	37.3 (1.47)	37.3 (1.47)
3/4-1/2 ①	37.3 (1.47)	37.3 (1.47)
3/4	37.3 (1.47)	44.5 (1.75)
1	43.7 (1.72)	50.8 (2.00)

UNF50NR ◊	–	UNF50NR-A ◊
UNF75-50NR ◊	–	UNF75-50NR-A ◊
UNF75NR ◊	–	UNF75NR-A ◊
UNF100NR ◊	–	UNF100NR-A ◊



1-1/4" – 4"

1-1/4	55.6 (2.19)	71.4 (2.81)
1-1/2	55.6 (2.19)	77.8 (3.06)
2	58.7 (2.31)	94.5 (3.72)
2-1/2	85.7 (3.38)	123.8 (4.88)
3	85.7 (3.38)	136.5 (5.38)

–	UNF125NR ◆	UNF125NR-A ◆
–	UNF150NR ◆	UNF150NR-A ◆
–	UNF200NR ◆	UNF200NR-A ◆
–	UNF250R ◆	UNF250R-A ◆
–	UNF300R ◆	UNF300R-A ◆
–	UNF350R ◆	UNF350R-A ◆



5" – 6"

3-1/2	85.7 (3.38)	149.2 (5.88)
4	88.9 (3.50)	163.5 (6.44)
5	98.4 (3.88)	212.7 (8.33)
6	101.6 (4.00)	244.5 (9.63)

–	UNF400R ◆	UNF400R-A ◆
–	UNF500R	–
–	UNF600R	–

Dimensions in Millimeters (Inches)

Size (Inches)	Millimeters (Inches)		Catalog Number Malleable	
	Male	Female		A

UNL 90° Elbow Unions – For connecting conduit to enclosure



1/2	1/2	62.7 (2.47)	35.1 (1.38)	52.3 (2.06)	UNL50N ◊
1/2	3/4 ①	62.7 (2.47)	41.4 (1.63)	52.3 (2.06)	UNL50-75N ◊
3/4	1/2 ①	50.8 (2.00)	35.1 (1.38)	47.6 (1.88)	UNL75-50N ◊
3/4	3/4	50.8 (2.00)	41.4 (1.63)	47.6 (1.88)	UNL75N ◊

① Male end given first

◊ 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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UNY and UNF Expansion Unions

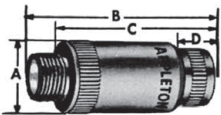
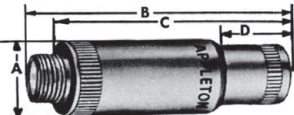
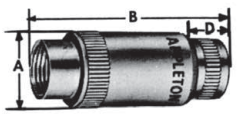
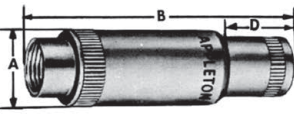
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Class I, Division 1 and 2, Groups C, D
Class II, Division 1 and 2, Groups E, F, G
Class III

HAZARDOUS LOCATION FITTINGS: NEC/CEC EXPLOSIONPROOF CONDUIT FITTINGS

	Size (Inches)	Catalog Number Steel
	UNY Male Unions— Standard — For connecting conduit to enclosure	
	1/2	UNY50
	3/4	UNY75
	1	UNY100
	UNYL Male Unions— Long — For connecting conduit to enclosure	
	1/2	UNYL50
	3/4	UNYL75
	1	UNYL100
	UNF Female Unions— Standard — For connecting conduit to conduit	
	1/2	UNF50
	3/4	UNF75
	1	UNF100
	UNFL Female Unions— Long — For connecting conduit to conduit	
	1/2	UNFL50
	3/4	UNFL75
	1	UNFL100

Dimensions in Millimeters (Inches)

Catalog Number	Size (Inches)	A	B (Overall Length at Max. Expansion)	C	D (Maximum Expansion)
UNY50	1/2	30.2 (1.19)	78.9 (3.88)	58.7 (2.31)	12.7 (0.50)
UNY75	3/4	36.5 (1.44)	83.3 (3.28)	61.9 (2.44)	13.5 (0.53)
UNY100	1	44.5 (1.75)	93.2 (3.67)	68.3 (2.69)	16.7 (0.66)
UNYL50	1/2	30.2 (1.19)	104.4 (4.11)	84.1 (3.31)	25.4 (1.00)
UNYL75	3/4	36.5 (1.44)	108.7 (4.28)	87.3 (3.44)	27.8 (1.09)
UNYL100	1	44.5 (1.75)	126.5 (4.98)	101.6 (4.00)	34.1 (1.34)
UNF50	1/2	30.2 (1.19)	74.6 (2.94)	—	12.7 (0.50)
UNF75	3/4	36.5 (1.44)	77.8 (3.06)	—	13.5 (0.53)
UNF100	1	44.5 (1.75)	85.7 (3.38)	—	16.7 (0.66)
UNFL50	1/2	30.2 (1.19)	100.0 (3.94)	—	25.4 (1.00)
UNFL75	3/4	36.5 (1.44)	104.8 (4.13)	—	27.8 (1.09)
UNFL100	1	44.5 (1.75)	120.7 (4.75)	—	34.1 (1.34)