

UNF/UNY Expansion Unions

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

Explosionproof
 Dust-Ignitionproof

5F

Applications:

UNF/UNY expansion unions are designed to be used in all threaded rigid metal† conduit systems indoors and outdoors, in hazardous locations to:

- Connect conduit to conduit
- Connect conduit to a junction box or device enclosure
- Compensate for conduit cut too short
- Allow for expansion and contraction of conduit
- Connect stub-ups to threaded conduit
- Replace sections of conduit runs

Features:

- Compact design
- Internal beryllium copper grounding spring to insure positive grounding continuity.
- Knurled surface on body and sleeve allows secure gripping with wrench.
- Steel construction for maximum strength.
- Available in two styles – short length where space is limited, long length when extra expansion is required.

Certifications and Complies:

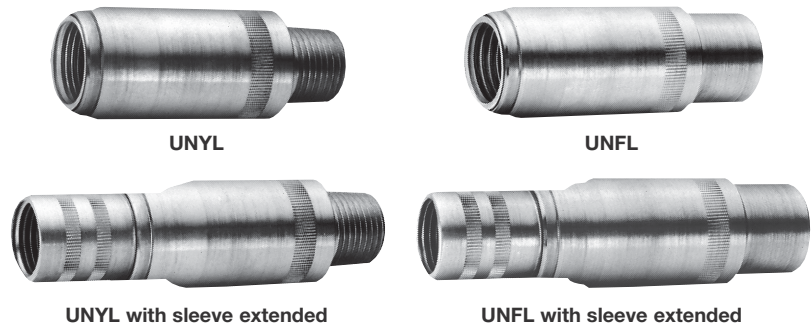
- NEC/CEC:
 - Class I, Division 1 & 2, Groups C, D
 - Class II, Division 1, Groups E, F, G
 - Class II, Division 2, Groups F, G
 - Class III
- UL Standard: 1203
- CSA Standard: C22.2 No. 30

Standard Materials:

- Body and sleeve – steel
- Grounding spring – beryllium copper

Standard Finishes:

- Steel – electrogalvanized with chromate finish
- Beryllium copper – natural



UNY

Male – Short

Conduit Size	Cat. #
1/2	UNY17
3/4	UNY27
1	UNY37

UNYL

Male – Long

Conduit Size	Cat. #
1/2	UNYL17
3/4	UNYL27
1	UNYL37

UNF

Female – Short

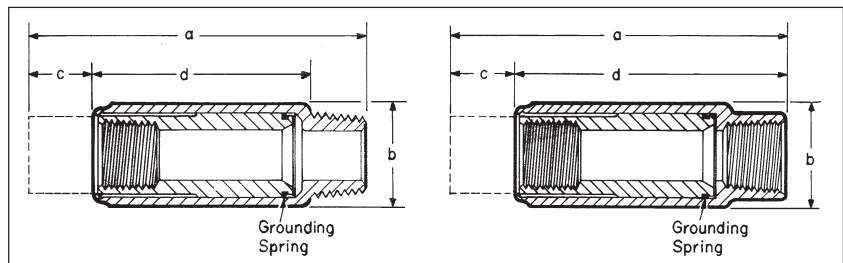
Conduit Size	Cat. #
1/2	UNF17
3/4	UNF27
1	UNF37

UNFL

Female – Long

Conduit Size	Cat. #
1/2	UNFL17
3/4	UNFL27
1	UNFL37

Dimensions In Inches:



Size	Dimension a*	b	c‡	d
UNY				
1/2	3 ⁵ / ₁₆	1 ³ / ₁₆	1/2	2 ¹ / ₁₆
3/4	3 ⁷ / ₁₆	1 ⁷ / ₁₆	1/2	2 ¹ / ₈
1	3 ¹³ / ₁₆	1 ¹¹ / ₁₆	5/8	2 ¹ / ₄
UNYL				
1/2	4 ⁵ / ₁₆	1 ³ / ₁₆	1	2 ⁹ / ₁₆
3/4	4 ¹ / ₂	1 ⁷ / ₁₆	1 ¹ / ₁₆	2 ¹¹ / ₁₆
1	5 ³ / ₁₆	1 ¹¹ / ₁₆	1 ⁵ / ₁₆	2 ¹⁵ / ₁₆
UNF				
1/2	3 ³ / ₁₆	1 ³ / ₁₆	1/2	2 ⁷ / ₁₆
3/4	3 ⁷ / ₁₆	1 ⁷ / ₁₆	1/2	2 ¹⁵ / ₁₆
1	3 ¹³ / ₁₆	1 ¹¹ / ₁₆	5/8	3 ³ / ₁₆
UNFL				
1/2	4 ³ / ₁₆	1 ³ / ₁₆	1	3 ³ / ₁₆
3/4	4 ⁹ / ₁₆	1 ⁷ / ₁₆	1 ¹ / ₁₆	3 ¹ / ₂
1	5 ¹ / ₁₆	1 ¹¹ / ₁₆	1 ⁵ / ₁₆	3 ¹³ / ₁₆

*Overall length at maximum expansion

‡Maximum expansion

†Suitable with intermediate Metal Conduit in non-hazardous locations

Crouse-Hinds

by **E.T.N**