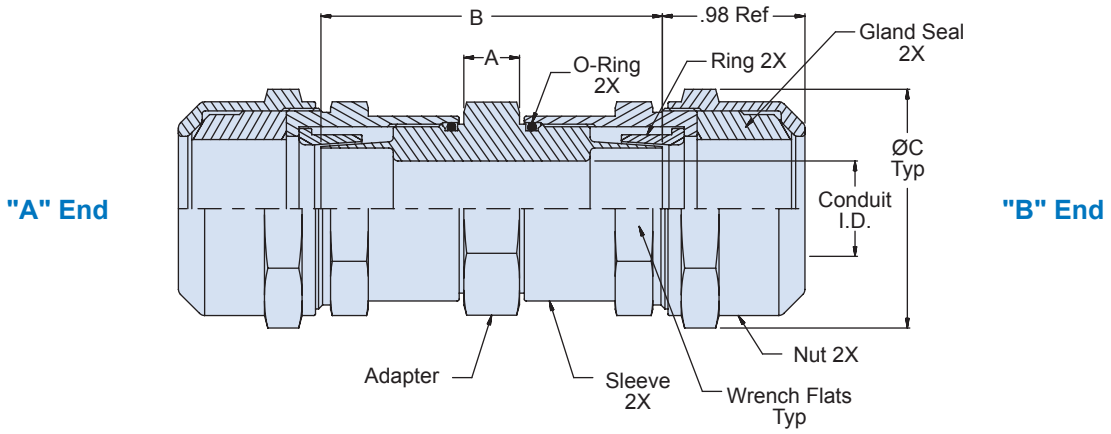
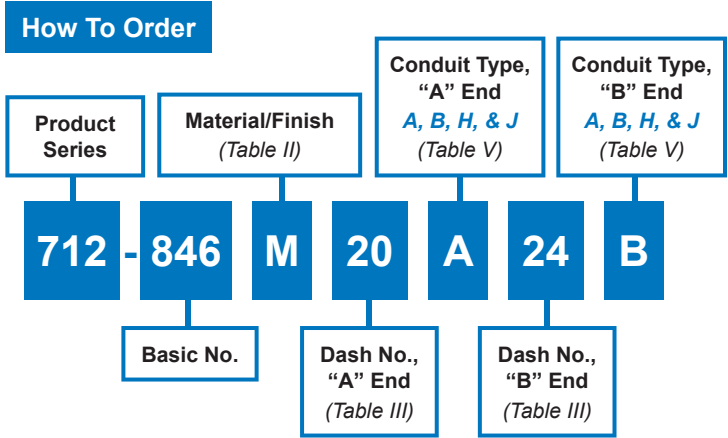
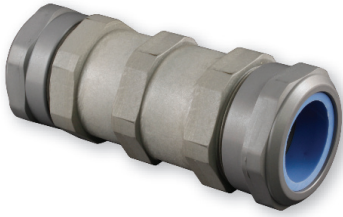




**712-846**  
**Heavy-Duty Environmental System - Composite**  
**Conduit-to-Conduit Splice for Series 75 Metal-Core Conduit**

**Weight-saving composite Heavy-Duty Environmental System user installable splice kit**



**Material and Finish**

- Adapters & Rings: See Table II
- Sleeves & Nuts: High grade engineering thermoplastic, color Haze Gray/NA
- O-Rings & Gland: Silicone rubber/NA

712-846

## Heavy-Duty Environmental System - Composite Conduit-to-Conduit Splice for Series 75 Metal-Core Conduit

Series 75  
Metal-Core Conduit

Table III: Dash No./Dimensions

Dash No	Conduit I.D.	A	B	Ø C Max
08	0.250 (6.4)	0.50 (12.7)	2.78 (70.6)	1.18 (30.0)
12	0.375 (9.5)	0.50 (12.7)	2.78 (70.6)	1.32 (33.5)
16	0.500 (12.7)	0.56 (14.2)	2.84 (72.1)	1.45 (36.8)
20	0.625 (15.9)	0.56 (14.2)	2.84 (72.1)	1.66 (42.2)
24	0.750 (19.1)	0.62 (15.7)	2.90 (73.7)	1.79 (45.5)
32	1.000 (25.4)	0.62 (15.7)	2.90 (73.7)	2.06 (52.3)
40	1.250 (31.8)	0.68 (17.3)	2.96 (75.2)	2.32 (58.9)
48	1.500 (38.1)	0.68 (17.3)	2.96 (75.2)	2.59 (65.8)
64	2.000 (50.8)	0.75 (19.1)	3.03 (77.0)	3.26 (82.8)
80	2.500 (63.5)	0.75 (19.1)	3.03 (77.0)	3.80 (96.5)
96	3.000 (76.2)	0.75 (19.1)	3.03 (77.0)	4.45 (113.0)

Table IV: Recommended Torque

Conduit Size Code	±5 Inch Pounds	
	Sleeve	Nut
08	120	40-60
12	120	↑ ↓
16	140	
20	140	
24	150	
32	170	
40	170	
48	170	
64	170	
80	170	
96	170	

Table II: Material/Finish

Sym	Material	Finish Description
BO	Brass	Unplated
BN	Brass	Cad/O.D. Over Electroless Nickel (1,000 Hour Salt Spray)
BM	Brass	Electroless Nickel
BMT	Brass	Nickel-PTFE
M	Aluminum Alloy	Electroless Nickel
MT	Aluminum Alloy	Nickel-PTFE
NF	Aluminum Alloy	Cad/O.D. Over Electroless Nickel (1,000 Hour Salt Spray)
Z1	300 Series SST	Passivate
ZN	Aluminum Alloy	Zinc Nickel/Olive Drab Over Electroless Nickel (1,000 Hour Salt Spray)
ZM	300 Series SST	Passivate
ZW	300 Series SST	Cad O.D. Over Electroless Nickel

Table V: Conduit Type

Conduit Type	Part Number	Configuration
A	750-192	Brass conduit with single braided shield and jacket
B	750-194	Brass conduit with double braided shield and jacket
H	750-192	Stainless steel conduit with single braided shield and jacket
J	750-192	Nickel/iron conduit with single braided shield and jacket

D