

PER FIT[®]

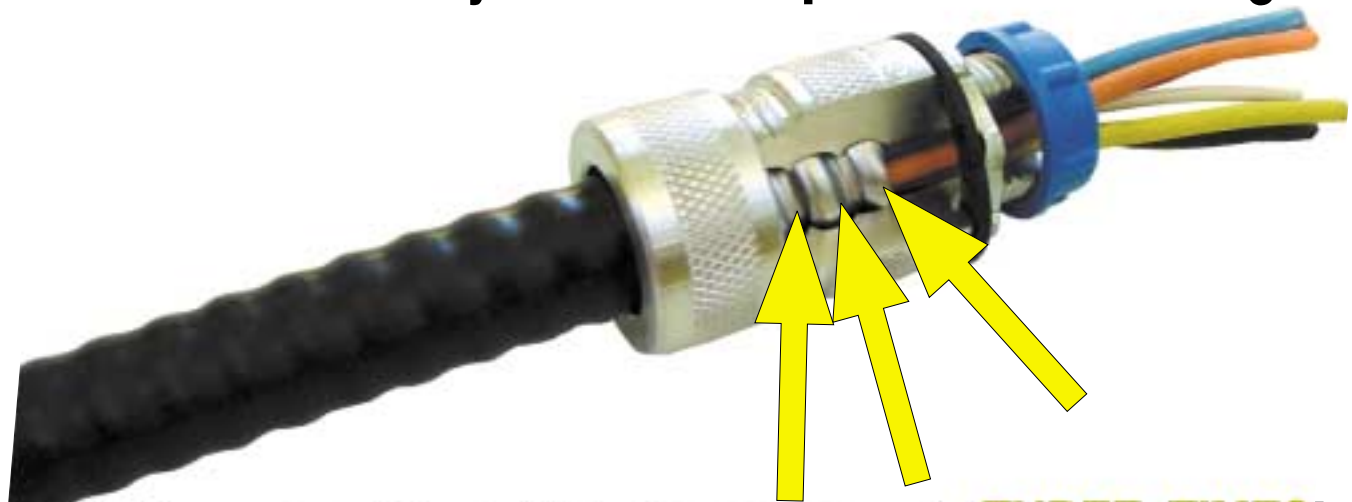


YOU COULD HAVE USED
THE ULTIMATE CONNECTOR
ON YOUR LAST JOB.

There will be other jobs!

**AMERICAN
CONNECTORS, INC.**

One-Piece Body with Unique Scroll Design...



that can provide a 360 degree ground... **THREE TIMES!**

- FAST AND EASY INSTALLATION
- SAVES TIME AND MONEY
- ELIMINATES INTERNAL COMPONENTS
- PREVENTS CABLE PULLOUT



UL LISTED...APPROVED AND USED BY MAJOR OIL COMPANIES, PAPER MILLS, CHEMICAL PLANTS, UTILITY PLANTS AND OTHER COMMERCIAL AND INDUSTRIAL FACILITIES.

- Manufactured for industrial and commercial use from 6061 copper-free aluminum.
- Different TYPES to economically meet individual needs.
 - DRY LOCATIONS
 - NWT - Non Water Tight for panels or knockout boxes.*
 - NWTU - Non Water Tight Union for threaded hubs.*
 - WET LOCATIONS - includes neoprene gaskets and seals.
 - WT - Water Tight for panels or knockout boxes.*
 - WTU - Water Tight Union for threaded hubs.*
 - HAZARDOUS LOCATIONS - Requires 3M Brand 2130 Sealant. (Included in standard package shipments)
 - WTPC - Water Tight Pouring Chamber*
 - WTUPC - Water Tight Union Pouring Chamber*
- Factory assembled with all components needed for termination including seals, locknuts and bushings as required. Applicator gun to inject sealant in hazardous location connectors sold separately.
- Complete range of NPT sizes available from 1/2" thru 4" which accommodates cable armor OD sizes from 0.38 thru 4.33.
- Heat Shrink Sleeves available for harsh environments.
- Stainless Steel types (303, 304 and 316) Bronze (660) and Brass (360) connectors may be special ordered.

PER FIT[®]

THE SIMPLEST HAZARDOUS AREAS INSTALLATION AVAILABLE



CLASS I* GROUP A, B, C & D
CLASS II* GROUP E, F & G
CLASS III

THE CONNECTOR

- AN EXTENDED VERSION OF OUR WATER-TIGHT DESIGN WHICH INCLUDES A SEAL CHAMBER.
- A LOW PROFILE FOR MORE CONNECTIONS IN A SMALL AREA.
- TWO INJECTION PORTS, ONE ON EACH SIDE FOR EASY ACCESS SEALING.
- PER FIT[®] CAN BE INSTALLED AND SEALED BOTH VERTICALLY AND HORIZONTALLY. VERTICAL INSTALLATIONS CAN BE BOTH TOP OR BOTTOM.

THE SEAL

- 3M BRAND 2130 FLAME RETARDANT, TWO-PART, POLYURETHANE RESIN.
- EXACT CONSISTENCY TO FLOW FREELY TO COMPLETELY SURROUND THE CONDUCTORS.
- WITHSTANDS EXTREME TEMPERATURE CONDITIONS.
- CAN BE SEALED AT 0°C.
- THE MOST COMPLETE AND VOID FREE SEAL ON THE MARKET.

* Includes Division 1 and Division 2

The Sealing System...

DISCOVER THE FASTEST, CLEANEST SEALING METHOD AVAILABLE WHEN YOU USE "THE SYSTEM".



This is the preferred process for terminating MC cable in hazardous Areas where you can:

- 1. Complete the Termination.**
- 2. Check the Connection.**
- 3. Make up the Seals in an Assembly Line Fashion.**

- ***DUO PACK CARTRIDGE TO ASSURE CORRECT PROPORTIONS.***
- ***STATIC NOZZLE FOR EASY, THOROUGH MIXING AND APPLICATION.***
- ***DUPLEX GUN (DAG-2) FOR FAST, CLEAN INJECTION OF SEALANT. (SOLD SEPARATELY)***

PER FIT[®]



NWT
Non Water Tight



NWTU
Non Water Tight Union



WT
Water Tight





WTU
Water Tight Union


- **ENGINEERING SERVICES** - Fast resolution for special applications.
- **OFF-THE-SHELF AVAILABILITY** - Same day / next day shipping on stock items.
- **FAST, COURTEOUS SERVICE** - Your order processed quickly and accurately.


PER FIT CONNECTOR SELECTION INFORMATION


Connector Designation by TYPE


NWT  Non Water Tight	NPT Thread Size	Outside Diameter Inch	Overall Len(Min) Inch	Wtg Lbs.
	1/2	1.12	1.75	.12
3/4	1.25	1.85	.16	
1	1.62	2.20	.28	
1-1/4	1.87	2.30	.40	
1-1/2	2.25	2.50	.60	
2	2.62	3.10	.80	
2-1/2*	3.25	3.45	1.50	
3*	4.00	3.50	2.50	
3-1/2*	4.50	3.75	3.00	
4*	5.00	3.80	4.00	

WTU  Water Tight Union	NPT Thread Size	Outside Diameter Inch	Overall Len(Min) Inch	Wtg Lbs.
	1/2	1.25	2.60	.25
3/4	1.50	2.70	.32	
1	2.00	4.00	.56	
1-1/4	2.12	4.10	.70	
1-1/2	2.50	4.80	1.00	
2	3.00	5.70	1.80	
2-1/2*	3.75	6.30	3.00	
3*	4.50	6.70	4.50	
3-1/2*	5.00	6.90	5.00	
4*	6.00	7.10	7.00	

NWTU  Non Water Tight Union	NPT Thread Size	Outside Diameter Inch	Overall Len(Min) Inch	Wtg Lbs.
	1/2	1.25	2.50	.20
3/4	1.50	2.65	.28	
1	2.00	3.10	.52	
1-1/4	2.12	3.20	.60	
1-1/2	2.50	3.70	.80	
2	3.00	4.70	1.60	
2-1/2*	3.75	5.25	2.50	
3*	4.50	5.30	3.50	
3-1/2*	5.00	5.55	4.00	
4*	6.00	5.60	6.00	

WTUPC  Water Tight Union Pouring Chamber	NPT Thread Size	Outside Diameter Inch	Overall Len(Min) Inch	Wtg Lbs.
	1/2	1.25	5.00	.40
3/4	1.50	5.20	.50	
1	2.00	6.00	1.00	
1-1/4	2.12	6.20	1.00	
1-1/2	2.50	7.00	1.60	
2	3.00	8.20	2.50	
2-1/2	3.75	9.30	5.00	
3	4.50	9.80	7.00	
3-1/2	5.00	10.20	8.00	
4	6.00	10.60	9.00	

WT  Water Tight	NPT Thread Size	Outside Diameter Inch	Overall Len(Min) Inch	Wtg Lbs.
	1/2	1.25	2.60	.24
3/4	1.50	2.70	.32	
1	2.00	3.30	.52	
1-1/4	2.12	3.40	.60	
1-1/2	2.50	3.70	.90	
2	3.00	4.30	1.60	
2-1/2*	3.75	4.70	3.00	
3*	4.50	4.80	4.00	
3-1/2*	5.00	5.00	5.00	
4*	6.00	5.00	6.00	

WTPC  Water Tight Pouring Chamber	NPT Thread Size	Outside Diameter Inch	Overall Len(Min) Inch	Wtg Lbs.
	1/2	1.25	3.62	.30
3/4	1.50	3.72	.50	
1	2.00	4.22	.80	
1-1/4	2.12	4.39	1.00	
1-1/2	2.50	4.84	1.40	
2	3.00	5.66	2.50	
2-1/2*	3.75	6.30	4.00	
3*	4.50	6.63	6.00	
3-1/2*	5.00	6.95	7.00	
4*	6.00	7.22	8.00	

Connector Designation by SIZE

Connector Size	NPT Thread Size	Cable Range Over Armor OD (Inch)	Connector Size	NPT Thread Size	Cable Range Over Armor OD (Inch)	Connector Size	NPT Thread Size	Cable Range Over Armor OD (Inch)	Connector Size	NPT Thread Size	Cable Range Over Armor OD (Inch)
044-050	1/2	.380-.440	097-100	1	.900 - .970	175-200	2	1.660-1.750	271-300	3	2.570-2.710
050-050	1/2	.440-.500	104-100	1	.970-1.040	184-200	2	1.750-1.840	285-300	3	2.710-2.850
056-050	1/2	.500-.560	111-100	1	1.040-1.110	193-200	2	1.840-1.930	299-300	3	2.850-2.990
062-050	1/2	.560-.620	118-100	1	1.110-1.180	202-200	2	1.930-2.020	313-300	3	2.990-3.130
062-075	3/4	.560-.620	125-125	1 1/4	1.180-1.250	213-250	2 1/2	2.020-2.130	328-350	3 1/2	3.130-3.280
069-075	3/4	.620-.690	132-125	1 1/4	1.250-1.320	224-250	2 1/2	2.130-2.240	343-350	3 1/2	3.280-3.430
076-075	3/4	.690-.760	139-125	1 1/4	1.320-1.390	235-250	2 1/2	2.240-2.350	358-350	3 1/2	3.430-3.580
083-075	3/4	.760-.830	148-150	1 1/2	1.390-1.480	246-250	2 1/2	2.350-2.460	373-400	4	3.580-3.730
090-075	3/4	.830-.900	157-150	1 1/2	1.480-1.570	257-250	2 1/2	2.460-2.570	388-400	4	3.730-3.880
			166-150	1 1/2	1.570-1.660				403-400	4	3.880-4.030
									418-400	4	4.030-4.180
									433-400	4	4.180-4.330

* For NPT sizes 2 1/2" and larger for use on interlocked armor, add suffix "F" to catalog number.

Catalog Order Number Includes Connector
TYPE and **SIZE**

Example: **WT 175-200**

WT = Watertight type (Select from "TYPE" listings at top of page)
175-200 = 2" NPT size (Select from "SIZE" listings at bottom of page)



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