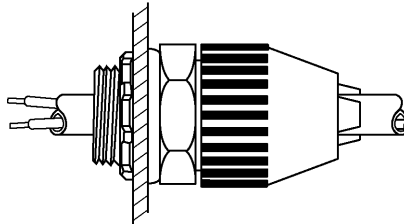


Thomas & Betts

LIQUIDTIGHT FLEXIBLE CORD & PORTABLE CABLE CONNECTOR

MADE OF TOUGH
CORROSION-RESISTANT THERMOPLASTIC

® LISTED



CERTIFIED@

FEATURES

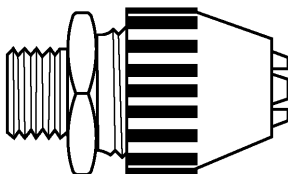
- Tapered thread seals in female hub.
- Neoprene bushing produces liquidtight installation.
- Gland nut hand tightens - tools are not normally needed for assembly.
- Chuck grip provides high mechanical pull out performance. Exceeds applicable requirements.
- Corrosion and weather-resistant plastic is excellent for outdoor or indoor use.
- Plastic parts improve dielectric strength, provide insulated throat.
- Wide range means fewer parts, reduces inventory (see chart).
- Lowers installed costs.

HOW TO SELECT CONNECTOR

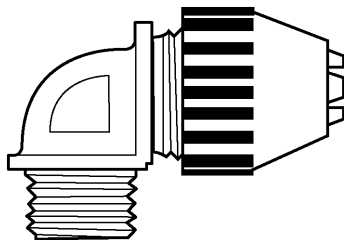
Step 1: Find cord type and size in chart or determine diameter range for cord.

Step 2: Determine catalog number by choosing the hub size and type (straight or 90Q) for the diameter range determined by Step 1.

Note: This chart can be used as guide for selecting the proper connector for the UL LISTED CORDS. Cords vary in size and cord diameter should be measured whenever possible.



STRAIGHT



90° ANGLE

HUB SIZE	CAT. NOS.		DIAMETER RANGE	SV, SVO, SVT, SVTO CORD TYPE & SIZE	SJO, SJT, SJTO CORD TYPE & SIZE
	Straight	90°			
3/8	2671	2680	.125 - .275	18-2, 18-3	-
1/2	2690	-			
1/2	2672	2681	.250 - .400	18-2, 18-3, 18-4*, 16-2*, 16-3*	18-2, 18-3, 18-4, 16-2, 16-3, 16-4, 14-2, 14-3
3/4	2693	-			
1/2	2673	2682	.400 - .560	18-4*, 18-5, 16-2*, 16-3*, 16-4, 16-5, 14-2, 14-3*	14-4, 12-2, 12-3, 12-4, 10-2*
3/4	2694	-			
1/2	2691	-	.560 - .690	14-3*, 14-4, 14-5*, 12-2, 12-3, 12-4*	10-2*, 10-3, 10-4
3/4	2674	2683			
1	-	2688	.660 - .780	14-5*, 12-4*, 12-5, 10-3*, 10-4	-
1/2	2692	-			
3/4	2675	2684	.770 - .895	10-5, 8-2, 8-3*	-
1	2676	2685			
3/4	2696	-	.870 - 1.020	8-3*, 8-4*	-
1	2677	2686			
1	2699	-	.890 - 1.090	8-4, 8-5*, 6-2, 6-3*, 6-4*, 4-2*	-
1-1/4	2702	-			
-	2700	-	1.080 - 1.280	8-5*, 6-3*, 6-4*, 6-5*, 4-2*, 4-3, 2-2*	-
1-1/4	2703	-			
1-1/4	2704	-	1.270 - 1.470	4-4*, 2-2*	-
1-1/2	2705-TB	-	.890 - 1.150	8-4, 8-5, 6-2, 6-3, 6-4*, 4-2*	-
1-1/2	2706	-	1.140 - 1.400	6-5, 6-4*, 4-2*, 4-3, 4-4*, 2-2, 2-3*	-
1-1/2	2707	-	1.390 - 1.650	4-4*, 2-3*, 2-4	-
2	2708	-	1.190 - 1.530	6-5, 4-2*, 4-3, 4-4, 2-2, 2-3, 2-4*	-
2	2709	-	1.520 - 1.860	2-4*	-
2	2710	-	1.850 - 2.190	-	-

*Actual cord diameter must be determined before proper connector can be selected. Measure cord, if available, or refer to cord manufacturer's catalog.

ASSEMBLY PROCEDURE FOR A LIQUIDTIGHT AND STRAIN - RELIEF CONNECTION

THIS CONNECTOR COMES READY FOR USE.
SIMPLY INSERT CORD THROUGH CONNECTOR AND TIGHTEN.

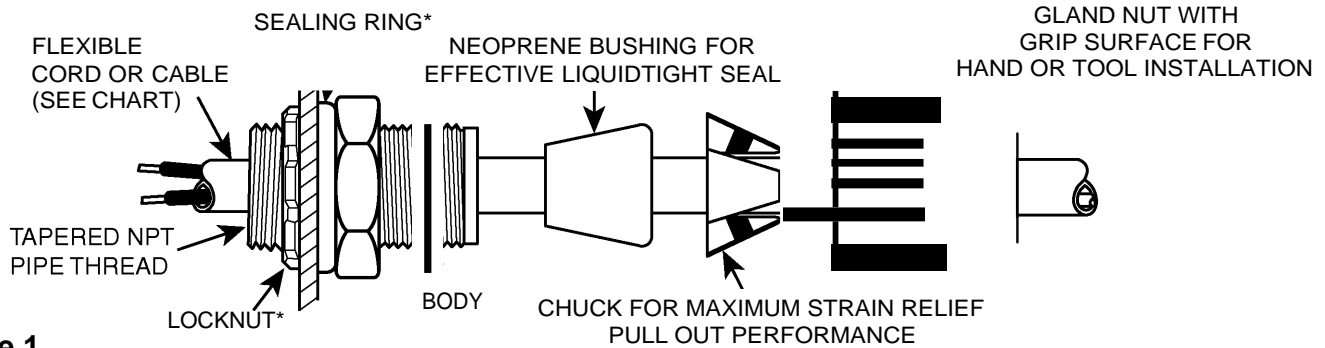


Figure 1

*For knockout applications use T&B® 140 series locknuts and 5261 series sealing rings - purchase separately.

- IMPORTANT -
WHEN A MINIMUM SIZE CORD IS USED, THE GLAND NUT MUST BE FASTENED TIGHTLY AND AS CLOSE AS POSSIBLE TO SHOULDER.

IF CORD WILL NOT SLIP INTO CONNECTOR:

Disassemble all 4 parts, see Figure 1, and, one by one, slide the gland, the chuck (small end first), the bushing, and finally the body portion over the cord in order and oriented as shown in Figure 1. The gland must now be adequately tightened to provide a secure, liquid tight assembly. This is normally a hand tightening operation, although pliers or other suitable tool may be needed by some individuals. If a large number of these fittings have to be assembled, they may be located in a square opening a little larger in dimension than the hexagonal wrench shoulder, and securely fastened by hand. They can also be preassembled to the knockout and fastened tightly afterwards.

WHEN CORD WILL NOT FIT THROUGH BODY (SEE FIGURE 2):

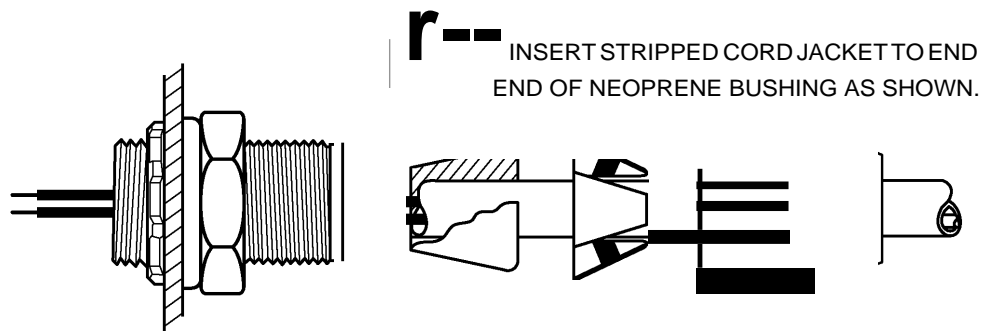


Figure 2

Figure 2 shows an installation in which the cord is too large to pass through the body. The outer jacket of cord must be stripped, the fillers trimmed, and the connectors inserted through the neoprene bushing. The jacket portion of the cord must go through the neoprene bushing for proper sealing as shown. Then tighten the gland nut onto the body.

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