

Flexible Cord and Cable Fittings

Suggested Specifications for Flexible Cord and Cable Fittings



2520 and 2530 Series
Liquidtight Flexible
Cord & Cable Fittings



2920NM Series
Nonmetallic Liquidtight
Flexible Cord & Cable Fittings
The Ranger™ Series



2631 Series
Liquidtight Flexible
Cord & Cable Fittings



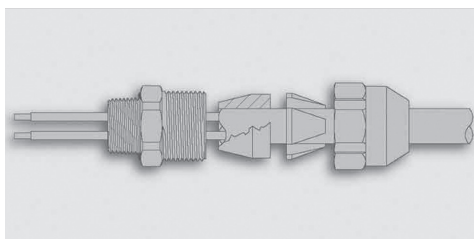
2920AL Series
Aluminum Liquidtight
Flexible Cord & Cable Fittings
The Ranger™ Series



2672 Series
Flexible Cord Fittings
(Plastic)



2920S Series
Steel Liquidtight
Flexible Cord & Cable Fittings
The Ranger™ Series



TCF Series
Aluminum Tray/Cord Fitting



2920SST Series
Stainless Steel Liquidtight
Flexible Cord & Cable Fittings

- Flexible cord or cable and associated fittings shall be suitable for conditions of use and location and approved for the purpose by a nationally recognized testing laboratory, inspection agency or product evaluation organization.
- Flexible cord or cable shall be so connected to the device or fitting that tension will not be transmitted to joints or terminal screws. Sufficient slack shall be provided to avoid sharp flexing and straining. Cord or cable shall be installed in such a manner that liquid will tend to run off the surface instead of draining towards the fitting.
- Where flexible cord or cable exposed to intermittent or constant moisture and subjected to mechanical strain is terminated into a threaded or threadless opening, terminating fittings shall be of watertight strain relief type such as Thomas & Betts Series 2920, 2920AL, 2920NM, 2520, 2631 or 2672. Fittings shall be equipped with a beveled moisture resistant/oil resistant synthetic rubber bushing.
- Where space is limited inside the enclosure, a female hub type fitting such as Thomas & Betts Series 2631 shall be furnished. A captive resilient sealing 'O' ring shall be included to positively protect against damage from overtorquing.

Flexible Cord and Cable Fittings

The Ranger™ Series — Liquidtight Strain Relief Fittings

The only fitting to take a 0.250 inch cable range.

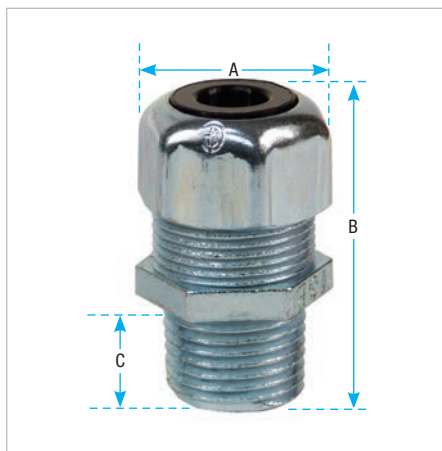
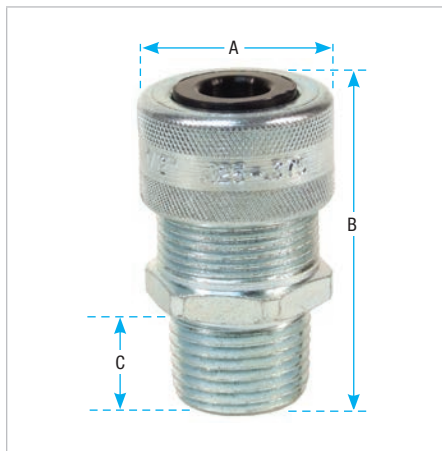
New materials and computer aided designs helped T&B develop a strain relief fitting that will take twice the cable range of ordinary strain relief fittings.

Application

A liquidtight fitting to secure flexible cord or power cable to a box or enclosure and provide strain relief.

Features

- Extended range with superior strain relief
- Reduced overall size, fits into tighter spaces
- Gland nut designed to restrict cable bending



Range

	Series	Hub Size
0.125 in. thru 0.950 in.	2920S	1/2 thru 1
	4920	
	4960	
	2920AL	
	4960AL	
0.125 in. thru 0.750 in.	2920NM	1/2 thru 3/4
	4960NM	

Standard Material/Finish

	2920S Series 4920 Series 4960 Series	2920NM Series 4960NM Series	2920AL Series 4960AL Series
Body	Steel (ST) 45° & 90° (Malleable Iron)	Nylon (Weather Stabilized)	Aluminum (ST) Malleable Iron (90°)
Gland	Steel	Nylon (Weather Stabilized)	Aluminum
Grip	Plastic	Nylon (Weather Stabilized)	Aluminum
Bushing	Santoprene	Oil Resistant Elastomer	Aluminum

Liquidtight Strain Relief Fittings – Straight



Cat. No.	Hub Size (in.)	Throat Dia.	Cord Range min.-max. (in.)	Dimensions (in.)		
				A	B	C
2920S	1/2	9/16	0.125-0.375	1-1/8	1-3/4	5/8
2921S		9/16	0.310-0.560	1-1/8	1-3/4	5/8
2922S*		9/16	0.500-0.750	1-3/8	1-3/4	5/8
2930S	3/4	13/16	0.125-0.375	1-3/8	1-25/32	3/4
2931S		13/16	0.310-0.560	1-3/8	1-25/32	3/4
2932S		13/16	0.500-0.750	1-3/8	1-25/32	3/4
2940S	1	1-1/16	0.310-0.560	1-3/8	1-3/4	13/16
2941S		1-1/16	0.500-0.750	1-3/8	1-3/4	13/16
2942S		31/32	0.700-0.950	1-5/8	1-7/8	13/16

*It may be necessary to remove sufficient outer covering of cable to permit conductors to pass through the fitting body

Liquidtight Strain Relief Fittings



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2922*		9/16	0.500-0.750	1-3/8	1-3/4	5/8
2930	3/4	13/16	0.125-0.375	1-3/8	1-25/32	3/4
2931		13/16	0.310-0.560	1-3/8	1-25/32	3/4
2932		13/16	0.500-0.750	1-3/8	1-25/32	3/4
2940	1	1-1/16	0.310-0.560	1-3/8	1-3/4	13/16
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