

T&B Conduit Fittings

Flexible Cord and Cable Fittings

Silver Grip™ — TCF™ Series Tray-Cord Fitting



Large Tapered Bushing

High-Performance Chuck Grip

Tray Cable Applications

One heck of a grip! **Increased Safety** **for Hazardous Locations**

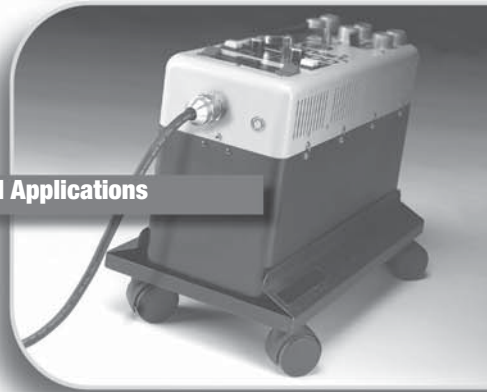
Introducing the Silver Grip™ Tray-Cord Fitting™ - the safe, yet cost-efficient choice for increased safety when terminating portable cord and tray cable in hazardous locations.

Designed for use in Class I, Gas and Vapour environments, the Silver Grip™ Tray-Cord Fitting™ provides efficient strain relief for cables entering enclosures and raceways, and for cords used on portable equipment.

- **Corrosion-resistant, non-magnetic aluminum construction**
- **Tapered neoprene bushing and O-ring seal out moisture and dirt ingress**
- **Chuck grip provides high mechanical pull-out performance. Exceeds applicable requirements.**
- **Hand-tightens — no tools required**
- **Now available in 316 stainless steel**
- **105°C temperature rating**



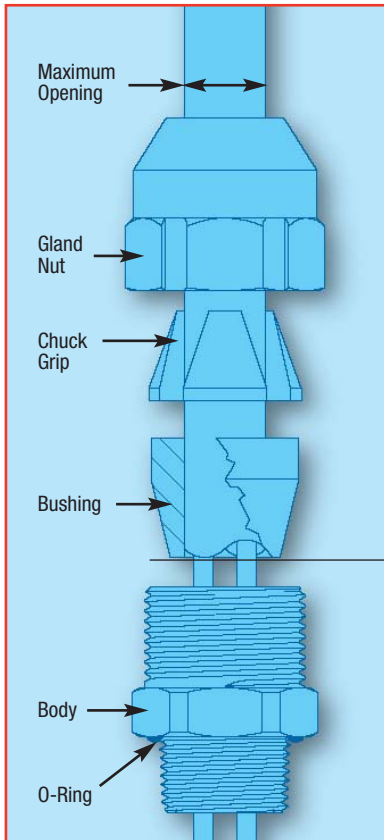
Portable Cord Applications



T&B Conduit Fittings

Silver GRIP[®]

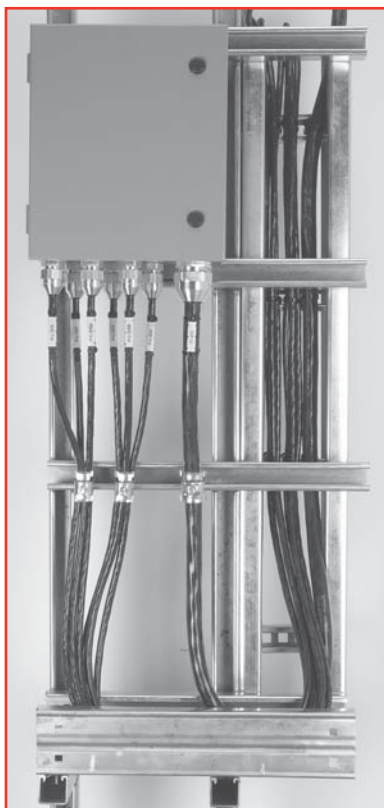
TCF[®] Series — Tray/Cord Fitting



Ordering Information

Hub Size NPT	Catalogue Number	Throat Diameter (in.)	Minimum Cable Dia. (in.)	Maximum Opening (in.)
1/2	TCF050-27AL	0.330	0.150	0.270
1/2	TCF050-40AL	0.540	0.250	0.400
1/2	TCF050-54AL	0.540	0.400	0.540
1/2	TCF050-67AL	0.540*	0.540	0.670
1/2	TCF050-78AL	0.540*	0.660	0.780
3/4	TCF075-40AL	0.540	0.250	0.400
3/4	TCF075-54AL	0.540	0.400	0.540
3/4	TCF075-67AL	0.780	0.540	0.670
3/4	TCF075-78AL	0.780	0.660	0.780
3/4	TCF075-88AL	0.765*	0.770	0.880
1	TCF100-78AL	0.980	0.660	0.780
1	TCF100-88AL	0.980	0.770	0.880
1	TCF100-100AL	0.980*	0.870	1.000
1	TCF100-109AL	0.980	0.940	1.090
1-1/4	TCF125-109AL	1.255	0.890	1.090
1-1/4	TCF125-128AL	1.255*	1.080	1.280
1-1/4	TCF125-147AL	1.255*	1.270	1.470
1-1/2	TCF150-115AL	1.470	0.890	1.150
1-1/2	TCF150-140AL	1.470	1.140	1.400
1-1/2	TCF150-165AL	1.470*	1.390	1.650
2	TCF200-153AL	1.896	1.190	1.530
2	TCF200-186AL	1.896	1.520	1.860
2	TCF200-219AL	2.062*	1.850	2.190
2-1/2	TCF250-252AL	2.466*	2.120	2.520
3	TCF300-278AL	2.780	2.380	2.780
3	TCF300-304AL	3.050	2.640	3.040
3	TCF300-330AL	3.068*	2.900	3.300

* When cord will not fit through body, strip cord jacket and trim fillers if required. Insert cable ensuring the outer jacket reaches the end of the bushing as shown. Tighten gland nut onto body.



Applications

For stainless steel (316), replace AL for SS6 (up to 1" only)

Tray Cable

Complies with IEC requirements for Class I, Zone 2 locations when used with enclosures containing no arcing or sparking devices. For enclosures with arcing or sparking devices, TCF[®] fittings must be used in combination with a certified Class I hazardous location sealing fitting.

Portable Cord

Complies with IEC requirements for Class I, Zone 1 locations when used with enclosures containing no arcing or sparking devices. For enclosures with arcing or sparking devices, TCF[®] fittings must be used in combination with a certified Class I hazardous location sealing fitting.



- File Number LR4484, Certificate Number 1388229
- CSA Class 4418-05 Fittings for Hazardous Locations Class I, Zone 1 Ex e II, IP66; Type 4/4X, (CSA)
- CSA_{US} Class 4418-85 Fittings for Hazardous Locations Class I, Zone 1, A Ex e II, IP66; Type 4/4X, (CSAus)

N.B.: Tray cable is not suitable for use in Zone 1 locations.
Portable cord can be used in Zone 1 applications only when installed on portable equipment.

Utilisation

- For use with unarmored cable Types suitable for use in Class I, Zone 1 (e.g.) Extra Hard Usage Cord)
- Series TCF Cable Glands, when used with Tray Cables are suitable to be installed in Class I, Zone 2/Div. 2 Classified Hazardous Locations Areas according to CEC/NEC Wiring Method, or subject to Local Inspection Authority having jurisdiction.