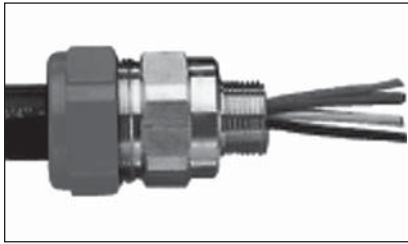


T&B Conduit Fittings

Flexible Cord and Cable Fittings



Outside Tray—tray cable must be protected within conduit and flexible liquidtight metallic conduit. In this case, the connector bushing is simply replaced with a ground cone/sealing ring to terminate the assembly.

The Canadian Electrical Code states that tray cable in hazardous locations can be used either within the cable tray, or outside the tray - provided there is additional protection. The TrayStar™ fitting was designed and engineered for either application and comes complete with the bushing, ground cone and sealing ring for different product applications.

selection for various types of installations. The sealing compounds cure in just a few hours. The TrayStar™ fitting also has disconnect capability: the cable can be disconnected and reconnected after being sealed.

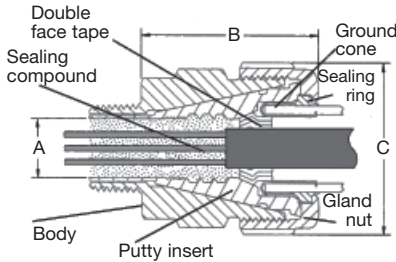
The unique hexagonal gland nut is conveniently grooved for screwdriver installation in extremely cramped areas. The gland nut is also clearly identified with the catalogue number and CSA approvals. It is also anodized an aqua-blue colour to identify it as a Hazardous Location, Tray Cable Fitting.

Superior Construction

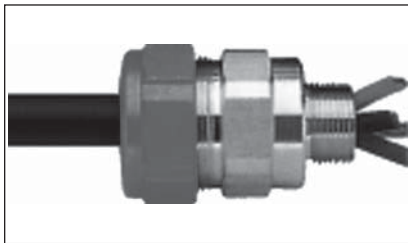
TrayStar™ fittings have a low-profile compact design and are made of copper-free aluminum for long-lasting trouble-free service. Fittings are precision machined for superior fit and ease of installation.

Ease of Installation

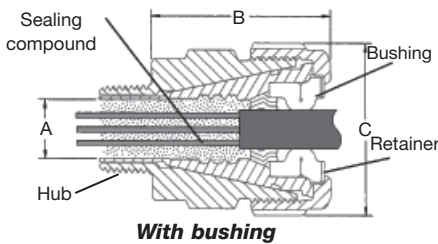
Installation is quick and easy. When used on metallic liquidtight conduit, the fitting hub size correlates with that of the conduit trade size. (i.e. 1/2" fitting accommodates 1/2" conduit). The bushings, when utilized, are designed to accommodate a broad range of tray cable diameters. Either liquid or putty sealing compound can be used for a positive, gastight seal. The compound is ordered separately to allow for flexibility in making the correct



With conduit



Inside Tray—Used with a neoprene bushing, TrayStar™ terminates tray cable within the tray itself.



With bushing



SC4-KIT



SC65

For more details, refer to the installation/Instruction sheet.

Silver Grip® — Liquidtight Fittings for Tray Cable

Cat. No.	Hub Size N.P.T.	Range Over Jacket (in.)		Conduit Trade Size (in.)	Approx Compound Required*		A Throat Dia. (in.)	B Overall (in.)	C Dim. (in.)
		min.	max.		Putty / Liquid SC65/SC4-KIT cc				
HLT050DATA	1/2	0.250	0.310	1/2	7	0.505	1.870	1.625	
HLT050	1/2	0.300	0.400	1/2	7	0.505	1.870	1.625	
HLT075	3/4	0.320	0.570	3/4	15	0.707	2.140	2.075	
HLT100	1	0.400	0.750	1	23	0.932	2.270	2.290	
HLT125	1-1/4	0.625	1.000	1-1/4	45	1.263	2.750	2.840	
HLT150	1-1/2	0.780	1.200	1-1/2	68	1.493	3.000	3.275	
HLT200	2	1.000	1.560	2	112	1.950	3.200	3.640	
4-250TC	2-1/2	1.700	2.200	2-1/2	175	2.250	3.800	4.000	
4-300TC	3	2.150	2.700	3	359	2.750	3.860	4.690	
4-350TC	3-1/2	2.650	3.230	3-1/2	536	3.280	4.100	5.220	
4-400TC	4	3.180	3.790	4	690	3.840	4.000	5.630	

† Not UL Listed

* Sealing compound not included with HLT-series. Order separately.

SC65 putty supplied with each TC-series fitting. SC4-Kit liquid sealing compound not approved for use with TC-series. TC-series is suitable for use with tray cable only and cannot be used with conduit.

Materials

Aluminum: The above listed catalogue numbers relate to aluminum fittings.

Steel: HLT-series is also available in steel. Add the suffix "S" to the catalogue number (example HLT050S).

Certifications

Type HLA, CSA Certified Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups E, F and G; Class III, Division 2, Enclosure Type 4 SL (integral seal). CSA File 23086.

Sealing Compounds

Cat. No.	Description	Volume (cubic centimeter)
SC4-KIT	Liquid type sealing compound (includes pouch of sealing compound with integral spout, fiber and damming material).	66 cc
Use SC4-KIT liquid compound for shielded cables.		

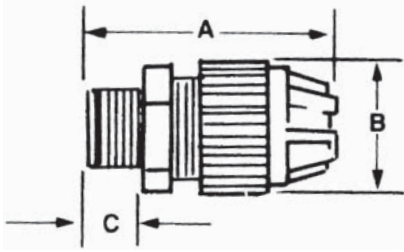
Cat. No.	Description	Volume (cubic centimeter)
SC65	Putty type sealing compound (cut-to-length stick)	34 cc
Suitable for use on cables with a maximum of four conductors (including ground). We do not recommend SC65 for use with shielded cables.		
Quantity of compound required will vary according to cable conductor fill.		
U.L. File No. E-82038 CSA File No. LR-23086		

Note - Thomas & Betts hazardous locations fittings with integral seals (STX, STEX, HLT and TC series) are UL and CSA certified **only** when used with SC4-KIT or SC65 sealing compounds. **No other sealing compounds have been tested, certified or listed.**

T&B Conduit Fittings

Flexible Cord and Cable Fittings

Nonmetallic Liquidtight Strain Relief Fitting—Straight

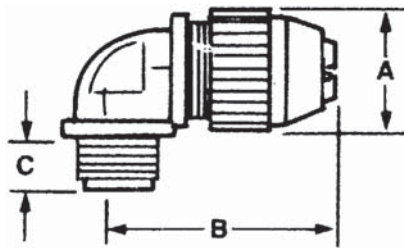


- Weather Stabilized Nylon
- U.L. 94-V2
- Temperature Rating: -34°C to +105°C
- Meets Coast Guard CG293

Cat. No.	Trade or Hub Size	Throat Diam.	Cord Range	Dimensions (in.)		
				A	B	C
2671	3/8"	0.33	.125-.275	2	29/32	15/32
2690	1/2"	0.33	.125-.275	2-4/16	29/32	19/32
2672	1/2"	0.55	.250-.400	2-19/32	19/32	19/32
2673*	1/2"	0.55	.400-.560	2-19/32	19/32	19/32
2691*	1/2"	0.54	.560-.690	3	1-9/10	19/32
2692*	1/2"	0.54	.660-.780	3	1-9/16	19/32
2693	3/4"	0.55	.250-.400	2-11/16	1-9/32	5/8
2694*	3/4"	0.55	.400-.560	2-11/16	1-9/32	5/8
2674	3/4"	0.79	.560-.690	3	1-9/16	5/8
2675	3/4"	0.79	.660-.780	3	1-9/16	5/8
2696*	3/4"	0.76	.770-.895	3-3/16	1-7/8	5/8
2676	1"	0.98	.660-.780	3-5/16	1-7/8	25/32
2677	1"	0.98	.770-.895	3-5/16	1-7/8	25/32
2678*	1"	0.98	.870-1.020	3-5/16	1-7/8	25/32
2699	1"	0.98	.890-1.090	3-3/16	2-19/32	25/32
2702	1-1/4"	1.25	.890-1.090	3-5/16	1-7/8	25/32
2703	1-1/4"	1.25	1.080-1.280	4	2-19/32	13/16
2704	1-1/4"	1.25	1.270-1.470	4	2-19/32	13/16
2705TB	1-1/2"	1.47	.890-1.150	4-3/16	2-31/32	13/16
2706	1-1/2"	1.47	1.140-1.400	4-5/16	2-31/32	13/16
2707	1-1/2"	1.47	1.390-1.650	4-5/16	2-31/32	13/16
2708	2"	1.89	1.190-1.530	5-3/32	3-1/2	27/32
2709	2"	1.89	1.520-1.860	4-29/32	3-1/2	27/32
2710*	2"	1.89	1.850-2.190	4-29/32	3-1/2	27/32

* Remove sufficient outer covering of cable to permit conductors to pass thru fitting body.

Nonmetallic Liquidtight Strain Relief Fitting—90° Elbow



90° angle, standard size body.

- Weather Stabilized Nylon
- U.L. 94-V2
- Temperature Rating: -34°C to +105°C
- Meets Coast Guard CG293

Cat. No.	Trade or Hub Size	Throat Diam.	Cord Range	Dimensions (in.)		
				A	B	C
2680	3/8"	.33	.125-.275	.90	1.8	.460
2681	1/2"	.55	.250-.400	1.27	2.5	.610
2682*	1/2"	.55	.400-.560	1.27	2.5	.610
2683	3/4"	.78	.560-.690	1.57	2.8	.610
2684	3/4"	.78	.660-.780	1.57	2.8	.610
2688	1"	.98	.560-.690	1.89	3.0	.770
2685	1"	.98	.660-.780	1.89	3.2	.770
2686	1"	.98	.770-.895	1.89	3.2	.770
2687*	1"	.98	.870-1.020	1.89	3.2	.770

* Remove sufficient outer covering of cable to permit conductors to pass thru fitting body. 90° angle, standard size body.