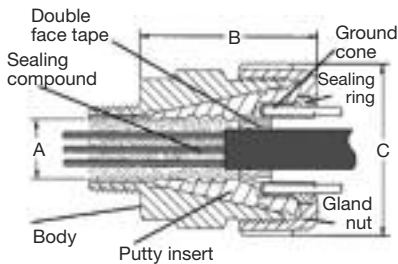


Tray Star™ HLT Series – Hazardous Location Fittings for Tray Cable



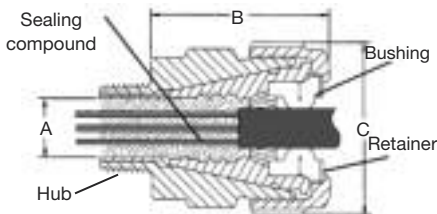
Outside Tray – tray cable must be protected within conduit and flexible liquidtight metallic conduit. In this case, the connector bushing is simply replaced with a ground cone/sealing ring to terminate the assembly.



With conduit



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



With bushing



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

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 Tray Star™ fitting was designed and engineered for either application and comes complete with the bushing, ground cone and sealing ring for different product applications.

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 in. fitting accommodates 1/2 in. 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

selection for various types of installations. The sealing compounds cure in just a few hours. The Tray Star™ 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

Tray Star™ 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.



Ordering Information

Cat. No.	Hub Size (in.)	Range Over Jacket (in.)		Conduit Trade Size (in.)	Approx Compound Required*	Dimensions		
		min.	max.			Putty / Liquid SC65/SC4-KIT cc	Throat Dia. (in.)	Overall (in.)
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).

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 and cables with 5 conductors or more (including ground).		

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.		

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.