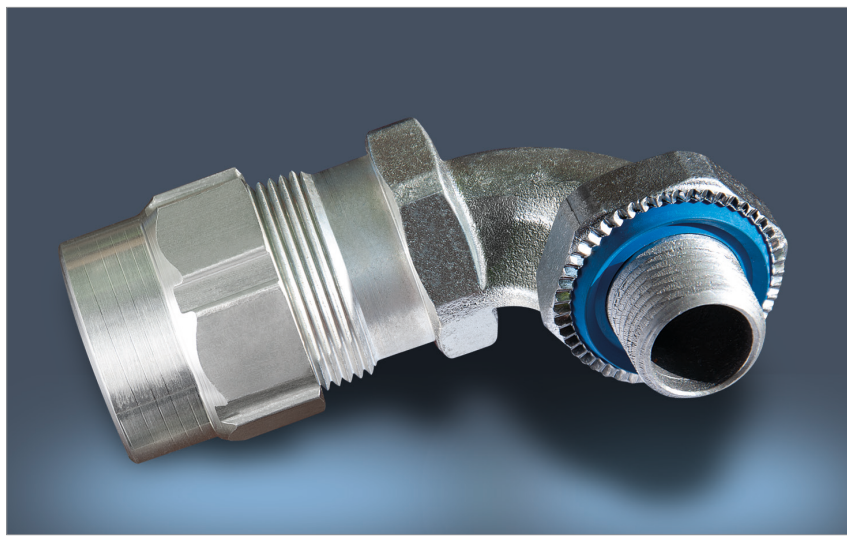


THE INNOVATION CONTINUES

Star Teck® ST90 series 90-degree Teck fittings

A new twist on savings



Presenting the ST90 series, a new twist on your favourite Star Teck fittings, designed to save time, space and cable during installation. ST90 series fittings incorporate all the features, reliability and performance you've come to expect from our Star Teck fittings in a 90-degree version.

- Time saving
- Space saving
- Cable saving

**STAR
TECK**

Faster and simpler to install

ST90 series fittings incorporate everything you need for 90-degree cable termination.

The three components shown in **photo 1** - Star Teck fitting, rigid elbow and sealing gasket - are an integral part of the ST90 fitting's unique, one-piece design (**photo 2**).

With less separate components to purchase and stock, ST90 fittings simplify product selection and SKU management.

Less space and cable required

The Canadian Electrical Code stipulates that where armoured cables are bent during installation, the bend radius of the inner edge of the cable shall be at least 6 times the external diameter of the armoured cable. For shielded cable, the bend radius must be at least 12 times the external diameter.

Photo 3 shows the additional space and cable required to accommodate a minimum bend radius in a code-compliant installation. A cable terminated with an ST90 fitting has a bend radius that is 80% to 90% smaller than that of corresponding cables (**photo 4**).

Photo 5 shows a cable installation infringing on minimum bend radius as stipulated by the CEC (above). **Photo 6** demonstrates the same termination done with an ST90 series Teck fitting.



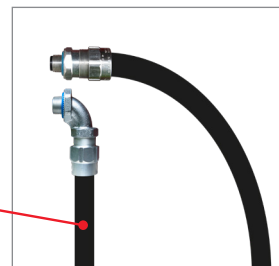
1



2



3



4



5

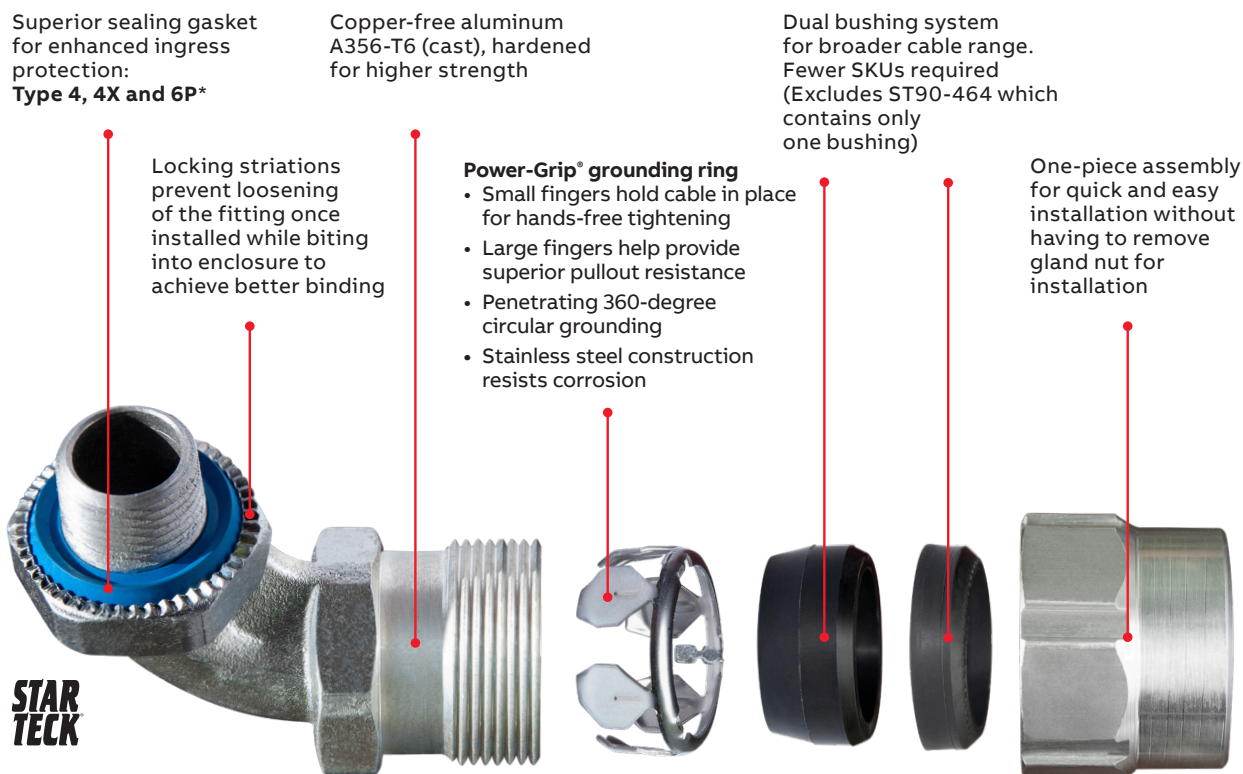


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THE INNOVATION CONTINUES

Star Teck® ST90 series 90-degree Teck fittings

More features and benefits



HLA rating: Class I Division 2

* ST90-050-464 fitting is rated Type 4/4X only.

Product specifications



Product selection		Values in bold are in millimeters and values in (brackets) are in inches									
Part no:	Thread (NPT)	Range over jacket		Range over armour		Nominal dimensions					
		Min	Max	Min	Max	A	B	C	D	E	F
ST90-050-464	1/2	15.24 (0.600)	19.3 (0.760)	13.46 (0.530)	17.27 (0.680)	15.75 (0.620)	64.26 (2.530)	34.16 (1.345)	12.19 (0.480)	97.28 (3.830)	23.37 (0.92)
ST90-050-466	1/2	19.05 (0.750)	25.02 (0.985)	17.02 (0.670)	22.73 (0.895)	15.75 (0.620)	67.31 (2.650)	40.64 (1.600)	15.75 (0.620)	109.22 (4.300)	21.46 (0.845)
ST90-075-468	3/4	24.13 (0.950)	30.61 (1.205)	22.10 (0.870)	28.58 (1.125)	15.75 (0.620)	84.58 (3.330)	51.82 (2.040)	20.83 (0.820)	130.30 (5.130)	30.38 (1.196)
ST90-100-469	1	29.97 (1.180)	34.93 (1.375)	27.69 (1.090)	32.89 (1.295)	20.07 (0.790)	93.98 (3.700)	57.28 (2.255)	26.42 (1.040)	145.29 (5.720)	32.51 (1.28)

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