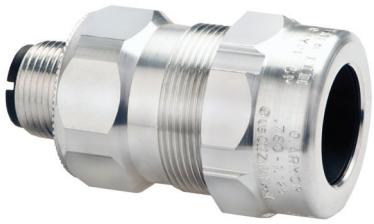
TECHNICAL DATA SHEET

ABB cable glands – STE Star Teck® extreme series

Industrial applications



The STAR TECK® STE fitting for Teck, MC and ACWU cable set the standard for ease of installation, quality engineering and safe, reliable terminations in challenging industrial environments. The STE offers a broader cable range per fitting compared to the regular ST series.

Certifications / Standards:

Features & Benefits:
- Excellent pullout strength
- Robust metallic construction
- Quick and easy installation without disassembly
- Extended clamping range taking
- Provides grounding continuity of cable armor
- Splined gland and gripping features for ease of installation
- Removable armor-stop for greater cable ranges

Applications:
- Provides means for passing jacketed metal clad cables through a bulkhead or enclosure in industrial and hazardous areas
- Oil and gas Industry, chemical and industrial markets
- Construction and installation zones where metal clad cables are specified
- Suitable for cable types:
  - Jacketed Teck and ACWU
  - Armored control and instrument (ACIC)
  - Type MC: Jacketed corrugated metal clad (aluminum and steel)

Material:
- Copper free aluminium
- Zinc plated steel option

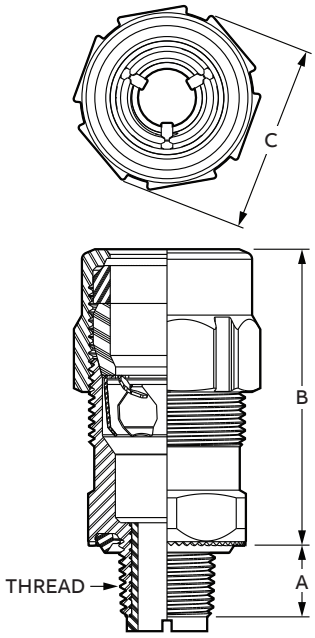
Environmental ratings:

Working Temperature:
- Normal use -40 to +90°C (-40 to +194°F)

Ingress protection:
- Type 4 / 4X

Chemical resistance guide:
- See publication TDS000081

Conforms to:
- CSA E60079-0/ -7
  - Ex e II
- CSA C22.2 No.25/-174
  - Class I Div1 ABCD Class II Div1 EFG Class III Div1
  - Refer to CEC for specific applications
- UL2279
  - Class I, Zone 1, AEx e II
- UL514B/50 and CSA C22.2-18.3/-94
  - Wet and Dry Locations
  - Suitable for Class I Div 2, Class II Div 2 and Class III location per NEC
- RoHS (Restriction of Hazardous Substances Directive) 2011/65/EU Incorporating 2015/863 amendment to Annex II



Product selection

Part no:	Thread (NPT)	Range over jacket		Range over armour		Nominal dimensions		
		Min	Max	Min	Max	A	B	C
STE050 DATA	1/2	**12.70**	**17.78**	**10.41**	**15.49**	**15.75**	**53.34**	**34.54**
		(0.500)	(0.700)	(0.410)	(0.610)	(0.620)	(2.100)	(1.360)
STE050	1/2	**15.24**	**25.02**	**13.21**	**22.73**	**15.75**	**64.01**	**41.40**
		(0.600)	(0.985)	(0.520)	(0.895)	(0.620)	(2.520)	(1.630)
STE075	3/4	**21.84**	**30.61**	**19.81**	**28.58**	**16.00**	**72.14**	**52.83**
		(0.860)	(1.205)	(0.780)	(1.125)	(0.630)	(2.840)	(2.080)
STE100	1	**24.13**	**34.93**	**22.10**	**32.89**	**19.94**	**76.71**	**58.42**
		(0.950)	(1.375)	(0.870)	(1.295)	(0.785)	(3.020)	(2.300)
STE125	1-1/4	**29.21**	**41.28**	**25.15**	**37.21**	**20.57**	**101.85**	**71.63**
		(1.150)	(1.625)	(0.990)	(1.465)	(0.810)	(4.010)	(2.820)
STE150	1-1/2	**36.58**	**49.91**	**32.51**	**45.85**	**20.96**	**108.97**	**82.55**
		(1.440)	(1.965)	(1.280)	(1.805)	(0.825)	(4.290)	(3.250)
STE200	2	**46.36**	**60.33**	**42.29**	**56.26**	**21.84**	**104.65**	**91.44**
		(1.825)	(2.375)	(1.665)	(2.215)	(0.860)	(4.120)	(3.600)
STE250	2-1/2	**57.53**	**72.14**	**53.47**	**68.07**	**32.51**	**144.02**	**120.65**
		(2.265)	(2.840)	(2.105)	(2.680)	(1.280)	(5.670)	(4.750)
STE300	3	**67.82**	**83.06**	**64.64**	**79.88**	**33.66**	**146.81**	**137.16**
		(2.670)	(3.270)	(2.545)	(3.145)	(1.325)	(5.780)	(5.400)
STE350	3-1/2	**81.79**	**98.30**	**78.49**	**92.46**	**35.31**	**145.80**	**149.86**
		(3.220)	(3.870)	(3.090)	(3.640)	(1.390)	(5.740)	(5.900)
STE400	4	**93.09**	**110.24**	**90.17**	**107.32**	**35.31**	**147.07**	**162.56**
		(3.665)	(4.340)	(3.550)	(4.225)	(1.390)	(5.790)	(6.400)

To order steel version, add suffix “S”. Ex: STE050S
Contact your representative for availability
Dimensions may vary depending on material selection.
Note: Product must be installed in accordance with applicable national and local electrical codes.

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