

VariTex™

COMPRESSION GLAND

for Copper Tape VSD Cable



Features and Benefits

- For use indoor, outdoor and hazardous areas
- Two piece handling, no loose parts.
- Independent tightening of coil induces an inspectable positive contact on copper tape.
- Factory fitted captive elastomeric seal for built in safety.
- Seals on the outer sheath of the cable to IP66/68
- Precision manufactured from high quality brass (nickel plated) or stainless steel (on request).
- Complete with brass locknut and sealing gasket.

Technical Data

Type:	VariTex™ (VRTX)
Gland Material:	Brass (Nickel Plated), or Stainless Steel (on request)
Seal Material:	Thermoset Elastomer
Cable Type:	Copper Tape VSD (Variable Speed Drive)
Sealing Area:	Compression Seal and O-ring
Optional Accessories:	Adaptor, Earth Tag, Locknut, Reducer, Serrated Washer and Shroud

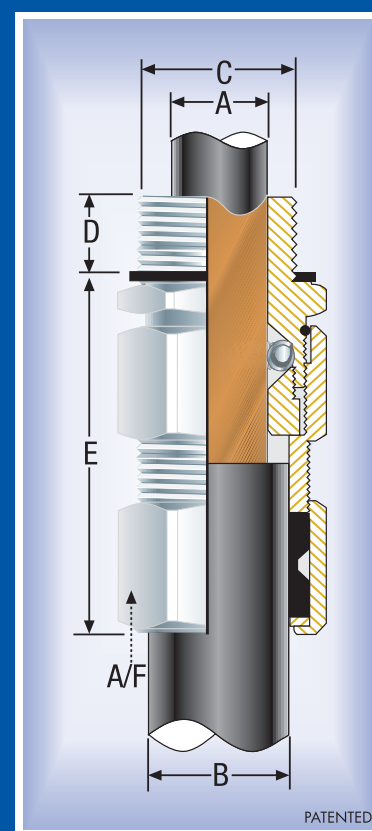
Standards and Certifications

Hazardous Area Classification:	ANZEx: Zone 1, 2, 21 and 22, Ex e II, Ex tD, A21
Certification	Standards:
Australian/New Zealand/IEC	ANZEx 09.4086X AS/NZS 60079-0, AS/NZS 60079-7, AS/NZS 61241.0, AS/NZS 61241.1, AS 60529
Operating Temperature:	-20°C to +80°C
Ingress Protection:	IP 66/68 (2m Cont.)

ITACS

Conditions and limitations for Safe Use - X

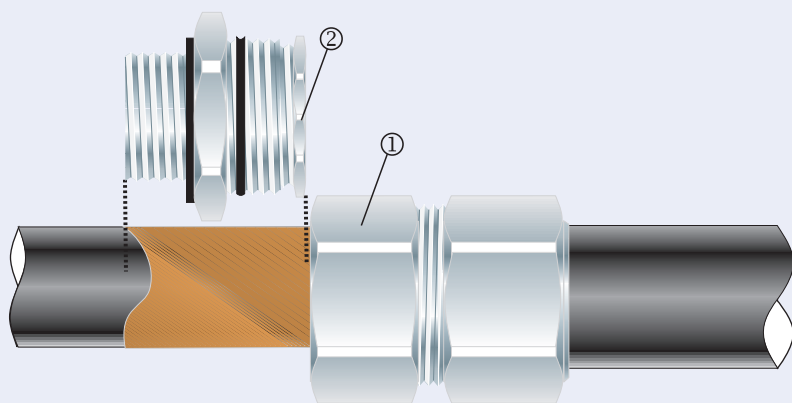
- It is a condition of safe use that the cable glands shall only be installed for applications in a temperature range of -20°C to +80°C.
- The user shall provide additional clamping of the cable to ensure that pulling and twisting is not transmitted to the terminations.



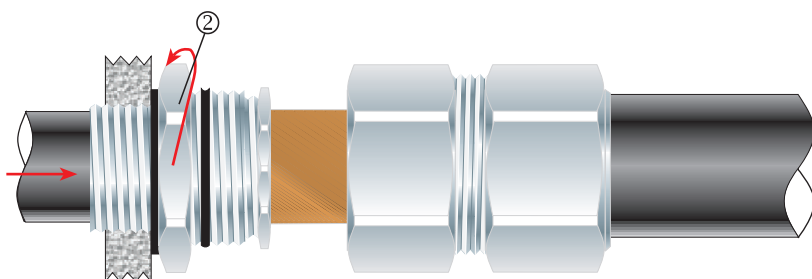
Product Code	Cable Conductor Size	Gland Size	Metric Entry Thread		Cable Detail				Maximum Length 'E'	A/F	Installation Torque Nm
			'C'	Min 'D'	Inner Over Tape		Outer				
					Min 'A'	Max 'A'	Min 'B'	Max 'B'			
0531-0S	2.5	0-20s	M20x1.5	15	9.6	11.5	13.0	20.0	61.0	30.0	21.0
0531-0	4	0-20	M20x1.5	15	10.8	12.5	13.0	20.0	61.0	30.0	21.0
053101	6	1-20	M20x1.5	15	12.2	14.0	13.0	20.0	61.0	30.0	21.0
053122	10	2s-25s	M25x1.5	15	13.8	16.0	18.0	26.0	64.0	38.0	30.0
053102	16	2-25	M25x1.5	15	16.0	20.0	18.0	26.0	65.0	38.0	30.0
053133	25	3s-32s	M32x1.5	15	20.0	23.0	23.0	28.0	68.0	45.0	42.0
053103	35	3-32	M32x1.5	15	22.0	23.5	23.0	28.0	68.0	45.0	42.0
053144	50	4s-40s	M40x1.5	17	23.5	28.0	28.0	39.5	75.0	55.0	52.0
053104	70	4-40	M40x1.5	17	28.0	32.0	28.0	39.5	74.0	55.0	52.0
053155	95	5s-50s	M50x1.5	17	32.0	36.0	35.2	42.0	81.0	65.0	57.0
053105	120	5-50	M50x1.5	17	35.5	39.0	40.0	46.0	85.0	65.0	57.0
053166	150	6s-63s	M63x1.5	17	39.0	45.0	45.5	54.0	85.0	80.0	66.0
053106	185	6-63	M63x1.5	17	44.0	49.5	45.5	54.0	85.0	80.0	66.0
053106L	240	6-63L	M63x1.5	17	49.0	54.0	54.6	62.0	83.0	80.0	66.0
053107	300	7-75	M75x1.5	17	54.0	59.0	59.0	72.1	93.0	96.0	72.0

All dimensions are in mm.

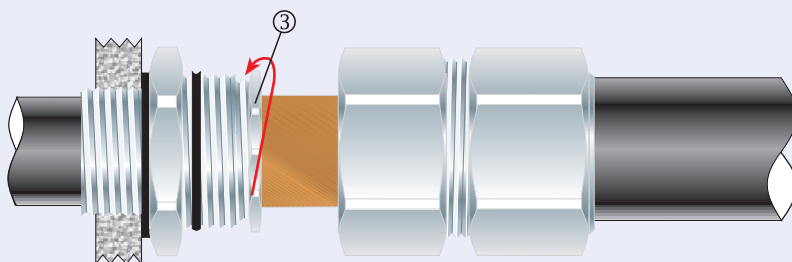
VariTex™ Compression Gland



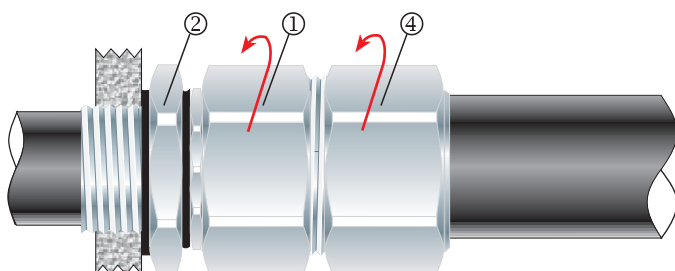
1. Screw the body ① off and pass the cable end through the body ①. Cut the PVC sheath exposing the copper tape to the length of the inner ②.



2. To maintain IP66/68 ensure gasket is in place. Pass cable end through the inner ② whilst rotating in the same direction as the copper tape.



3. Tighten the compression nut ③ until the coil is in contact with the tape, then turn a half turn.



4. Tighten the body ① onto the inner ②. Tighten the outer nut ④, to produce a moisture proof seal by turning till the seal makes contact with the outer sheath of the cable and then do one full turn.