

## TRUSEAL TSPe Ex eb & Ex ta POLYMER, EXPLOSIVE ATMOSPHERE CABLE GLAND

### FOR ALL TYPES OF UNARMoured & BRAIDED / SCREENED CABLES

- Halogen & phosphorus free
- Finger-locking seal provides superior cable retention & strain relief
- Approved to the latest editions of IEC 60079 & EN 60079
- Internationally marked IECEX & ATEX
- Intrinsically safe (Ex i) blue nut version available
- Meets the requirements of IEC 62444 & EN 62444
- Widest cable range take for any comparable cable gland
- Low weight with high stiffness & strength
- Anti-vibration technology prevents seal loosening in operation
- Ingress disc or IP68, IP69 & IP69K rated bung options available
- White entry thread seal supplied, nickel plated brass locknut available - due to certification there is no option to use this product with a polyamide locknut



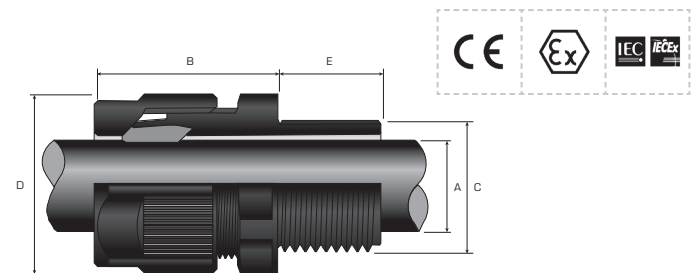
shown in black ral 9011 with standard seal



TECHNICAL DATA	
DESIGN SPECIFICATION	IEC 62444, EN 62444 (EN Metric only)
MECHANICAL CLASSIFICATION*	12-16 Impact = Level 5, 20-63 Impact = Level 6, Cable Anchorage = Type A
ENCLOSURE PROTECTION	12-16 IK07 to IEC 62262 (4 joules), 20-63 IK08 to IEC 62262 (7 joules)
INGRESS PROTECTION RATING**	IP66, IP67, IP68*** & IP69K
CABLE GLAND MATERIAL	Halogen Free Polyamide
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer
CABLE TYPE	Unarmoured & Braided when terminated inside enclosure
SEALING TECHNIQUE	CMP Unique finger-locking type seal
SEALING AREA(S)	Cable Outer Sheath

GLOBAL PRODUCT CERTIFICATION			
ATEX CERTIFICATE	CML 19ATEX3185X	IECEX CERTIFICATE	IECEX CML 19.0062X
ATEX COMPLIANCE STANDARDS	EN 60079-0,7,31	IECEX COMPLIANCE STANDARDS	IEC 60079-0,7,31
CODE OF PROTECTION	Ⓔ II 2G 1D, Ex eb IIC Gb, Ex ta IIC Da,	CODE OF PROTECTION	Ex eb IIC Gb, Ex ta IIC Da

\* Mechanical Classifications applied as per IEC 62444 & EN 62444  
 \*\* Contact CMP for further information on Ingress Protection Ratings  
 \*\*\* IP68 tested to 300 kPa for 16 hours (equivalent to 30 metres water depth)



### PRODUCT SELECTION TABLE WITH DUAL SEALING RANGE

CMP DUAL SEAL	AVAILABLE ENTRY THREADS 'C'					OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'
	STANDARD		OPTION							
CABLE GLAND ORDERING REF	METRIC	THREAD LENGTH (METRIC) 'E'	LONG THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	MIN	MAX	MAX	MAX	
16DTSPEITA	M16	9.0	15.0	3/8"	11.0	3.2	10.0	19.0	20.9	27.0
20DTSPEITA	M20	10.0	15.0	1/2"	14.0	5.5	14.0	24.0	26.2	30.5
25DTSPEITA	M25	10.0	15.0	3/4"	15.0	9.0	18.0	30.0	32.7	36.0
32DTSPEITA	M32	12.0	15.0	1"	18.0	12.5	25.0	40.0	43.6	41.0
40DTSPEITA	M40	12.0	18.0	1-1/4"	18.0	19.0	32.0	50.0	54.5	49.0
50DTSPEITA	M50	12.0	18.0	1-1/2"	19.0	22.0	38.0	58.0	63.2	59.0
63DTSPEITA	M63	15.0	18.0	2"	20.0	28.0	48.0	68.0	74.1	64.0

### PRODUCT SELECTION TABLE WITH STANDARD SEALING RANGE

CMP STANDARD SEAL	AVAILABLE ENTRY THREADS 'C'					OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'
	STANDARD		OPTION							
CABLE GLAND ORDERING REF	METRIC	THREAD LENGTH (METRIC) 'E'	LONG THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	MIN	MAX	MAX	MAX	
12TSPEITA	M12	9.0	15.0	1/4"	11.0	3.0	6.5	15.0	16.4	27.0
16TSPEITA	M16	9.0	15.0	3/8"	11.0	3.0	7.0	19.0	20.9	27.0
16TSPEITA	M16	9.0	15.0	3/8"	11.0	6.0	10.0	19.0	20.9	27.0
20TSPEITA	M20	10.0	15.0	1/2"	14.0	5.0	10.0	24.0	26.2	30.5
20TSPEITA	M20	10.0	15.0	1/2"	14.0	9.0	14.0	24.0	26.2	30.5
25TSPEITA	M25	10.0	15.0	3/4"	15.0	9.0	15.5	30.0	32.7	36.0
25TSPEITA	M25	10.0	15.0	3/4"	15.0	12.5	18.0	30.0	32.7	36.0
32TSPEITA	M32	12.0	15.0	1"	18.0	12.5	19.0	40.0	43.6	41.0
32TSPEITA	M32	12.0	15.0	1"	18.0	17.0	25.0	40.0	43.6	41.0
40TSPEITA	M40	12.0	18.0	1-1/4"	18.0	19.0	27.0	50.0	54.5	49.0
40TSPEITA	M40	12.0	18.0	1-1/4"	18.0	24.0	32.0	50.0	54.5	49.0
50TSPEITA	M50	12.0	18.0	1-1/2"	19.0	22.0	32.0	58.0	63.2	59.0
50TSPEITA	M50	12.0	18.0	1-1/2"	19.0	28.0	38.0	58.0	63.2	59.0
63TSPEITA	M63	15.0	18.0	2"	20.0	28.0	39.0	68.0	74.1	64.0
63TSPEITA	M63	15.0	18.0	2"	20.0	37.0	48.0	68.0	74.1	64.0

For NPT threads add a 'T' to the suffix e.g. 16DTSPEITAT (3/8" NPT, black), 40DTSPEITATI (1-1/4" NPT, grey (silver))  
 For long metric threads add an 'L' to the suffix e.g. 16DTSPEITALL (M16, black with 15mm length of entry thread)  
 Dimensions are displayed in millimetres unless otherwise stated