

TRUSEAL TSP POLYMER, INDUSTRIAL CABLE GLAND WITH NPT ENTRY THREADS

FOR ALL TYPES OF UNARMoured & BRAIDED / SCREENED CABLES

- Halogen and phosphorus-free
- Finger-locking seal provides superior cable retention and strain relief
- 3rd party certified to IEC 62444
- Flame retardant UL94 V-0 version available
- Low weight with high stiffness and strength
- Widest cable range take for any comparable cable gland
- Available in a variety of colours (black as standard, see table below)
- Anti-vibration technology prevents seal loosening in operation
- Transit disc or IP68, IP69 and IP69K rated IP plug options available
- Approved entry thread sealing washer included
- Polyamide locknut available (ordering suffix 2TN) - delivered assembled

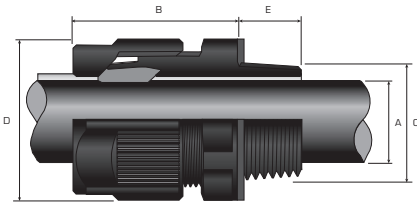


shown in black with standard seal and locknut



Product tested to IEC 60529, equivalent NEMA ratings shown for comparison purposes.

COLOUR	SUFFIX	NPT ORDERING EXAMPLE
BLACK - RAL9011	-	12TSPITAT
GREY - RAL7035	1	12TSPITAIT
GREY - RAL7001	2	12TSPITA2T
WHITE	3	12TSPITA3T
BLUE - RAL5015	4	12TSPITA4T
RED - RAL3000	5	12TSPITA5T



TECHNICAL DATA	
DESIGN SPECIFICATION	IEC 62444
IEC 62444 CERTIFICATE	CML 20CA12915
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***, IP69 and IP69K
CABLE GLAND MATERIAL	Halogen-free Polyamide
SEAL MATERIAL	CMP SOLO LSF Halogen-free Thermoset Elastomer
CABLE TYPE	Unarmoured and Braided (when braid is terminated inside enclosure)
SEALING TECHNIQUE	CMP Unique finger-locking type seal
SEALING AREA(S)	Cable Outer Sheath

* Mechanical classifications applied as per IEC 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

DUAL SEAL		ENTRY THREADS 'C'		OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'	MINIMUM ORDER QUANTITY
CABLE GLAND ONLY	CABLE GLAND WITH LOCKNUT	NPT	THREAD LENGTH 'E'	MIN	MAX	MAX	MAX		
16DTSPITAT	16DTSP2TNT	3/8"	0.43	0.12	0.39	0.75	0.82	1.06	100
20DTSPITAT	20DTSP2TNT	1/2"	0.55	0.20	0.55	0.95	1.03	1.20	100
25DTSPITAT	25DTSP2TNT	3/4"	0.59	0.35	0.71	1.18	1.29	1.42	50
32DTSPITAT	32DTSP2TNT	1"	0.71	0.49	0.98	1.58	1.72	1.61	10
40DTSPITAT	40DTSP2TNT	1 1/4"	0.71	0.75	1.26	1.97	2.15	1.93	10
50DTSPITAT	50DTSP2TNT	1 1/2"	0.75	0.87	1.50	2.28	2.49	2.32	5
63DTSPITAT	63DTSP2TNT	2"	0.79	1.10	1.89	2.68	2.92	2.52	1

PRODUCT SELECTION TABLE WITH STANDARD SEALING RANGE

STANDARD SEAL		ENTRY THREADS 'C'		OVERALL CABLE DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'B'	MINIMUM ORDER QUANTITY
CABLE GLAND ONLY	CABLE GLAND WITH LOCKNUT	NPT	THREAD LENGTH 'E'	MIN	MAX	MAX	MAX		
12TSPITAT	12TSP2TNT	1/4"	0.43	0.12	0.25	0.59	0.65	1.06	100
16STSPITAT	16STSP2TNT	3/8"	0.43	0.12	0.27	0.75	0.82	1.06	100
16TSPITAT	16TSP2TNT	3/8"	0.43	0.24	0.39	0.75	0.82	1.06	100
20STSPITAT	20STSP2TNT	1/2"	0.55	0.20	0.39	0.95	1.03	1.20	100
20TSPITAT	20TSP2TNT	1/2"	0.55	0.35	0.55	0.95	1.03	1.20	100
25STSPITAT	25STSP2TNT	3/4"	0.59	0.35	0.61	1.18	1.29	1.42	50
25TSPITAT	25TSP2TNT	3/4"	0.59	0.49	0.71	1.18	1.29	1.42	50
32STSPITAT	32STSP2TNT	1"	0.71	0.49	0.75	1.58	1.72	1.61	10
32TSPITAT	32TSP2TNT	1"	0.71	0.67	0.98	1.58	1.72	1.61	10
40STSPITAT	40STSP2TNT	1 1/4"	0.71	0.75	1.06	1.97	2.15	1.93	10
40TSPITAT	40TSP2TNT	1 1/4"	0.71	0.95	1.26	1.97	2.15	1.93	10
50STSPITAT	50STSP2TNT	1 1/2"	0.75	0.87	1.26	2.28	2.49	2.32	5
50TSPITAT	50TSP2TNT	1 1/2"	0.75	1.10	1.50	2.28	2.49	2.32	5
63STSPITAT	63STSP2TNT	2"	0.79	1.10	1.54	2.68	2.92	2.52	1
63TSPITAT	63TSP2TNT	2"	0.79	1.46	1.89	2.68	2.92	2.52	1

Dimensions are displayed in inches unless otherwise stated.

Note - NPT TruSeal cable glands (12-40) are supplied with black polyamide locknuts regardless of the colour ordered (if required). 50 and 63 will be supplied with nickel-plated brass.