

Data Sheet – STORM® Cable Glands

Product description - Offering improved ingress protection and faster- fitting over conventional armoured cable glands.

Features:

- No shroud required
- Suitable for multiple cable types – SWA and non-armoured, SY & CY braided cables
- IP68 rated
- UV stabilised, Zero-halogen
- Longer thread length when compared to standard type glands – 20s to 32 (17mm), 40 to 63 (22mm)



Technical Data

Storm glands have been tested in accordance with the international standard for cable glands, BS EN 62444 – (Cable glands for electrical installations).

The testing has been carried out in a TUV ISO 9001 certified Intertek partner laboratory.

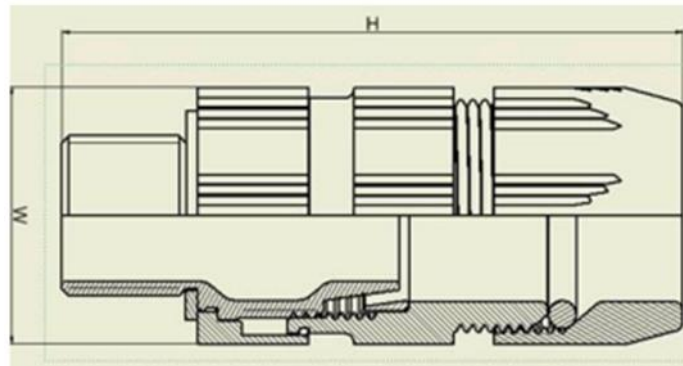
Typical results are detailed below, please note that these testing values are maximums and safety factors appropriate to your application should be used:

TEST CATEGORIES	BS EN 62444 Clause	CLASSIFICATION	TEST	RESULT
Impact	9.5	Cat. 5	4J Energy impact	PASS
Anchorage	9.4	Class D	Full range tested from 640 to 5600N	PASS
Electrical	10.3.2	Cat. B	Full range tested from 3.06 to 4.8kA rms	M20s to M25 PASS*
IP rating	12.1.2&.3	68	IEC 60529	PASS
Operating temperature	5.4 & 8.5	Required range -20°C to 65°C	Oven & Refrigerator	PASS -20°C to +80°C
Reaction to fire	13.1.1	N/A	IEC 60695-2-11	PASS
COMPOSITION	MATERIAL			
Gland upper & lower body	PA66 30% GF			
Armour ring	Brass			
Gasket & O-rings	NBR			

* BS EN 62444 requires sizes M32 to M63 to be tested from 5.4kA rms to 10.4kA rms



		Gland details										Cable acceptance Details		
		Spanner width – mm										Clamping Range - mm		
Part No.	Pack Qty	Entry thread ISO 965-3	Thread length	Cap	Upper body	Lower body	Height	Across corners	Tightening Torque Cap	Tightening Torque Upper Body	Inner sheath Ø Max.	Outer sheath Ø Min. – Max.	Armour wire Ø Min. – Max.	
STORM20S	2	M20 X 1.5	17	27	27	27	51	30	2.5 Nm	8 Nm	12	10.5 - 16.0	0.80 - 1.25	
STORM20	2	M20 x 1.5	17	32	32	32	51	35.5	3 Nm	12 Nm	16	15.5 - 21.0	0.80 - 1.25	
STORM25	2	M25 x 1.5	17	41	41	41	61	45.5	5 Nm	25 Nm	20.5	20.5 - 27.5	1.20 - 1.60	
STORM32	2	M32 x 1.5	17	50	50	50	71	55.5	5 Nm	40 Nm	27.5	27.0 - 35.0	1.60 - 2.00	
STORM40	1	M40 x 1.5	22	58	58	58	73	63	5 Nm	50 Nm	34	33.0 - 41.0	2.00 - 2.50	
STORM50S	1	M50 x 1.5	22	72	72	72	79	79	10 Nm	70 Nm	44	37.0 - 47.0	2.00 - 2.50	
STORM50	1	M50 x 1.5	22	72	72	72	79	79	10 Nm	70 Nm	44	45.0 - 53.0	2.00 - 2.50	
STORM63S	1	M63 x 1.5	22	85	85	85	82	93	10 Nm	100 Nm	57	50.0 - 60.0	2.00 - 2.50	
STORM63	1	M63 x 1.5	22	85	85	85	82	93	10 Nm	100 Nm	57	58.0 - 66.0	2.00 - 2.50	



For quicker installation times choose our Taurus™ gland packs which include the EarthingNuts™. Simply add the prefix "T" to the above part numbers.