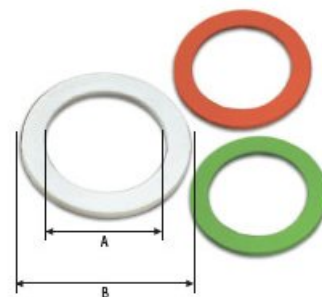


Entry Thread Seal

To maintain the Ingress Protection rating between the equipment and cable gland it may be necessary to fit an Entry Thread Seal at the gland entry interface. For Explosion Protected equipment it is essential to maintain the integrity of the degree of Ingress Protection at which the equipment has been rated. The need for a sealing washer will very much depend on the Ingress Protection rating and code of protection of the equipment and the type of entry holes available within that equipment.

For example when Ex e apparatus or terminal boxes which are permitted to have untapped through clearance holes it will be necessary to fit a sealing washer improve the IP rating to at least IP66. Whereas other equipment having tapped entry holes may not require a sealing washer to maintain the rated integrity of the installation or the minimum requirement for the specified form of protection. The CMP Entry Thread Sealing Washers are produced in 2mm thick white nylon as standard which are recommended and meet the specified requirements of Shell's Offshore operations.

To verify the effectiveness of the CMP nylon entry sealing washers independent third party tests to EN60529 have been successfully conducted on Cable Gland at IP66, IP67 & IP68 levels of protection. CMP can therefore provide Independent documentary evidence of such tests to the highest standards. Red Fibre Washers can also be supplied to order but careful consideration should be given to their use in sub-zero climates where absorption, freezing and cracking have been known to occur, ultimately impairing the degree of Ingress Protection attainable. CMP also offers as an alternative, cable glands, adaptors, reducers, and stopper plugs with Integral Entry Thread "O" Ring Seals.



Entry Thread Seal Table

White Metric Entry Thread Seal

Ordering Reference	Reference Diameter	Minimum Thickness	External Diameter
16ETS2	M16	2.0	25.4
20ETS2	M20	2.0	28.0
25ETS2	M25	2.0	34.4
32ETS2	M32	2.0	44.1
40ETS2	M40	2.0	50.5
50ETS	M50	2.0	63.4
63ETS2	M63	2.0	76.5
75ETS2	M75	2.0	95.0
90ETS2	M90	2.0	110.0
100ETS2	M100	2.0	120.5
115ETS2	M115	2.0	136.8

Dimensions are displayed in millimetres unless otherwise stated

Ordering Reference	Reference Diameter "A"	Minimum Thickness	External Diameter "B"
16ETS2	M16	0.079	1.000
20ETS2	M20	0.079	1.126
25ETS2	M25	0.079	1.378
32ETS2	M32	0.079	1.752
40ETS2	M40	0.079	2.000
50ETS2	M50	0.079	2.559
63ETS2	M63	0.079	3.000
75ETS2	M75	0.079	3.740
90ETS2	M90	0.079	4.331

All dimensions in inches unless otherwise stated



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Green NPT Entry Thread Seal Table

Green NPT Entry Thread Seal			
Ordering Reference	Reference Diameter	Minimum Thickness	External Diameter
050NPTETS	1/2" NPT	2.0	28.0
075NPTETS	3/4" NPT	2.0	34.4
100NPTETS	1" NPT	2.0	44.1
125NPTETS	1-1/4" NPT	2.0	50.5
150NPTETS	1-1/2" NPT	2.0	63.4
200NPTETS	2" NPT	2.0	76.5
250NPTETS	2-1/2" NPT	2.0	95.0
300NPTETS	3" NPT	2.0	110.0
350NPTETS	3-1/2" NPT	2.0	120.5
400NPTETS	4" NPT	2.0	136.8

Dimensions are displayed in millimetres unless otherwise stated

Ordering Reference	Reference Diameter "A"	Minimum Thickness	External Diameter "B"
050NPTETS	1/2" NPT	0.079	1.000
075NPTETS	3/4" NPT	0.079	1.126
100NPTETS	1" NPT	0.079	1.378
125NPTETS	1-1/4" NPT	0.079	1.752
150NPTETS	1-1/2" NPT	0.079	2.000
200NPTETS	2" NPT	0.079	2.559
250NPTETS	2-1/2" NPT	0.079	3.000
300NPTETS	3" NPT	0.079	3.740
350NPTETS	3-1/2" NPT	0.079	4.699
400NPTETS	4" NPT	0.079	5.335

All dimensions in inches unless otherwise stated





