ACCESSORIES

LOCKNUTS

Nickel Plated Brass Locknuts are the recommended items used in securing nickel plated brass cable glands, unions, adaptors, reducers, and stopper plugs to a gland plate or into equipment. Aluminium locknuts are recommended when installing CMP Aluminium Cable Glands to prevent the electrolytic action of galvanic corrosion which can occur when dis-similar metals are coupled together.
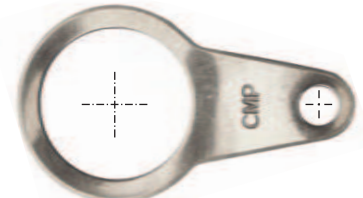
SERRATED WASHERS

Available in Stainless Steel as standard, these "shake-proof" Serrated Washers fitted internally to the equipment and before a locknut act as an anti-vibration device to prevent the cable gland or other cable entry device and locknut arrangement from inadvertently loosening in service.

EARTH TAGS

CMP Nickel Plated Brass Earth Tags, Installed between the cable gland and equipment, provide an earth bond connection as specified in BS6121:Part 5:1993 and also complies with category 'B' rating specified in BS EN 50262:1999. The following table of fault current ratings relates to CMP slip on Earth Tags.

LOCKNUTS

Ordering Reference	Thread Diameter 'A'	Across Flats	Across Corners
16LN5	M16 X 1.5	22.0	25.4
20LN5	M20 X 1.5	24.0	28.6
25LN5	M25 X 1.5	30.0	35.0
32LN5	M32 X 1.5	36.0	42.0
40LN5	M40 X 1.5	46.0	53.0
50LN5	M50 X 1.5	55.0	64.0
63LN5	M63 X 1.5	70.0	81.0
75LN5	M75 X 1.5	80.0	98.0
90LN5	M90 X 2	108.0	125.0
100LN5	M100 X 2	122.0	141.5

SERRATED WASHERS

Ordering Reference	Reference
16SW4	M16
20SW4	M20
25SW4	M25
32SW4	M32
40SW4	M40
50SW4	M50
63SW4	M63
75SW4	M75
90SW4	M90
100SW4	M100

EARTH TAGS

Ordering Reference	Size Reference	Hole Size	Nominal Centres
16ET5	M16	M6	30.2
20ET5	M20	M6	33.1
25ET5	M25	M6	35.6
32ET5	M32	M12	43.1
40ET5	M40	M13	45.4
50ET5	M50	M13	58.1
63ET5	M63	M13	66.8
75ET5	M75	M13	73.0
90ET5	M90	M13	85.0
100ET5	M100	M13	118.0

CMP Earth Tag Size	Short Circuit Ratings Symmetrical Fault Current (kA) for 1 second
20	3.06
25	4.00
32	5.40
40	7.20
50	10.40
63	10.40
75	10.40

ENTRY THREAD SEALING WASHERS

To maintain the Ingress Protection rating between the equipment and cable gland it may be necessary to fit an Entry Thread Sealing Washer 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.

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 3rd party tests to EN 60529 have been successfully conducted on Cable Gland at IP66, IP67 & IP68 levels of protection.
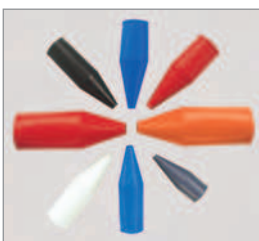
CMP can therefore provide Independent documentary evidence of such tests to the highest standards.

ENTRY THREAD SEALING WASHERS

Ordering Reference	Size Reference
16ETS2	M16
20ETS2	M20
25ETS2	M25
32ETS2	M32
40ETS2	M40
50ETS2	M50
63ETS2	M63
75ETS2	M75
90ETS2	M90

SHROUDS

CMP manufacture a range of push on shrouds which are used to minimise the risk of dirt or foreign substances gathering on the Cable Gland body, and/or point of cable to gland interface. Standard shrouds are produced in Black or Orange PVC. CMP LSF (Blue/Grey) shrouds are available from stock. Table below shows typical examples of CMP shrouds.

COLOUR CODED SHROUDS - Shrouds are also manufactured in alternative colours including Red, Blue and White, to suit a wide variety of customer requirements, other colours are available.

SHROUD REFERENCES

GLAND TYPE	20S/16	20S	20	25	32	40	50S	50	63S	63	75S	75	90
A2	PVC04	PVC04	PVC05	PVC09	PVC10	PVC13	PVC14	PVC17	PVC20	PVC22	PVC24	PVC26	PVC31
CW	PVC04	PVC04	PVC06	PVC09	PVC11	PVC15	PVC18	PVC21	PVC23	PVC25	PVC28	PVC30	PVC32