

UW

METAL CABLE GLANDS (IP66/68)

APPLICATIONS

Indoor or Outdoor use.

FUNCTION

Provides seal on Cable Sheath.

International type 'A1', 'A2'.

See page 2 for International Types.

APPROVALS

Degree of protection against

ingress of water IP66/68

UW12 - UW75 (30m)

UW105 - UW120B (10m)

Compliance with AS 1939-1990

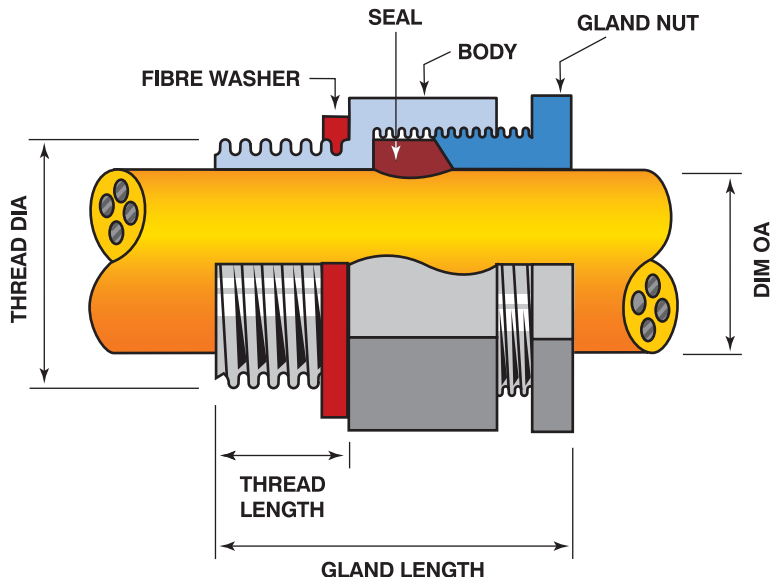
MATERIAL

Brass, Nickel Plated

SEAL

TPE

GENERAL PURPOSE WEATHERPROOF GLAND - UNARMoured CABLE



Item Number	Mounting thread diameter x length (mm)	Diameter across points (mm)	Diameter across flats (mm)	Gland length		Cable details				Rubber Shroud Orange*	Qty per Carton
				uncompressed (mm)	compressed (mm)	Seal B (thick)		Seal A (thin)			
						OA min	OA max	OA min	OA max		
ALCUW12	M12 x 10	18.9	17.5	32.0	25	1.5	3.5	3.5	6.0	ALCSG0S	30
ALCUW16S	M16 x 10	21.6	20.0	32.0	25	1.5	3.5	3.5	6.0	ALCSG0S	30
ALCUW16	M16 x 10	21.6	20.0	32.0	25	5.0	7.5	7.5	10.0	ALCSG0	30
ALCUW20A	M20 x 10	26.0	24.0	32.0	25	5.0	7.5	7.5	10.0	ALCSG1	20
ALCUW20	M20 x 10	27.1	25.0	32.0	25	10.0	11.0	11.0	15.0	ALCSG1	20
ALCUW25	M25 x 12	35.2	32.5	37.5	29	14.5	17.0	17.0	20.0	ALCSG2L	15
ALCUW32	M32 x 12	40.6	37.5	39.5	30	20.0	23.0	23.0	26.5	ALCSG3S	10
ALCUW40	M40 x 15	51.4	47.5	44.5	35	26.0	30.0	30.0	33.5	ALCSG4S	8
ALCUW50	M50 x 15	62.2	57.5	49.5	35	33.0	36.0	36.0	42.0	ALCSG5S	5
ALCUW63	M63 x 19	75.8	70.0	56.5	45	41.5	46.0	46.0	52.0	ALCSG7	2
ALCUW75	M75 x 19	97.4	90.0	66.0	50	51.0	56.0	56.0	65.0	ALCSG7	2
ALCUW105	M105 x 30	129.0	120.0	148.0	110	75.0	80.0	82.0	89.0	ALCSG10S	1
ALCUW120A	M120 x 30	150.0	140.0	148.0	110	89.0	92.0	92.0	98.0	ALCSG11S	1
ALCUW120B	M120 x 30	150.0	140.0	148.0	110	-	-	96.0	105.0	ALCSG11S	1

* For Black Shroud add 'B' to part number: eg. ALCSG0SB

Note: To comply with IP66/68 approvals, the washer supplied must be installed on mounting thread.

Note: Mounting thread pitch is 1.5mm, unless otherwise specified.

Supplied complete with locknuts and sealing washers.

FITTING INSTRUCTIONS

1. UW glands come with 2 seals, A & B. The table of dimensions (left) gives the range of cable diameters to suit seals A & B. Select the required seal.
2. Slide the gland nut, then the selected seal over the cable.
3. Fit the gland body into the enclosure: either by screwing into tapped fitting or by inserting through a clearance hole and using an Alco locknut. Note: The fibre washer provided is required to maintain the IP 66/68 rating. Recommended torque settings (For gland body into enclosure) are provided with the gland instructions.
4. Slide the cable through the gland body until a tail of the required length protrudes through the gland.
5. Slide the seal into the gland body. Note: A small amount of rubber grease, petroleum jelly or cable pulling lube applied between the outer surface of the seal and the taper of the nut aids assembly.
6. Slide the gland nut into the gland and screw to tighten, forming a seal.

