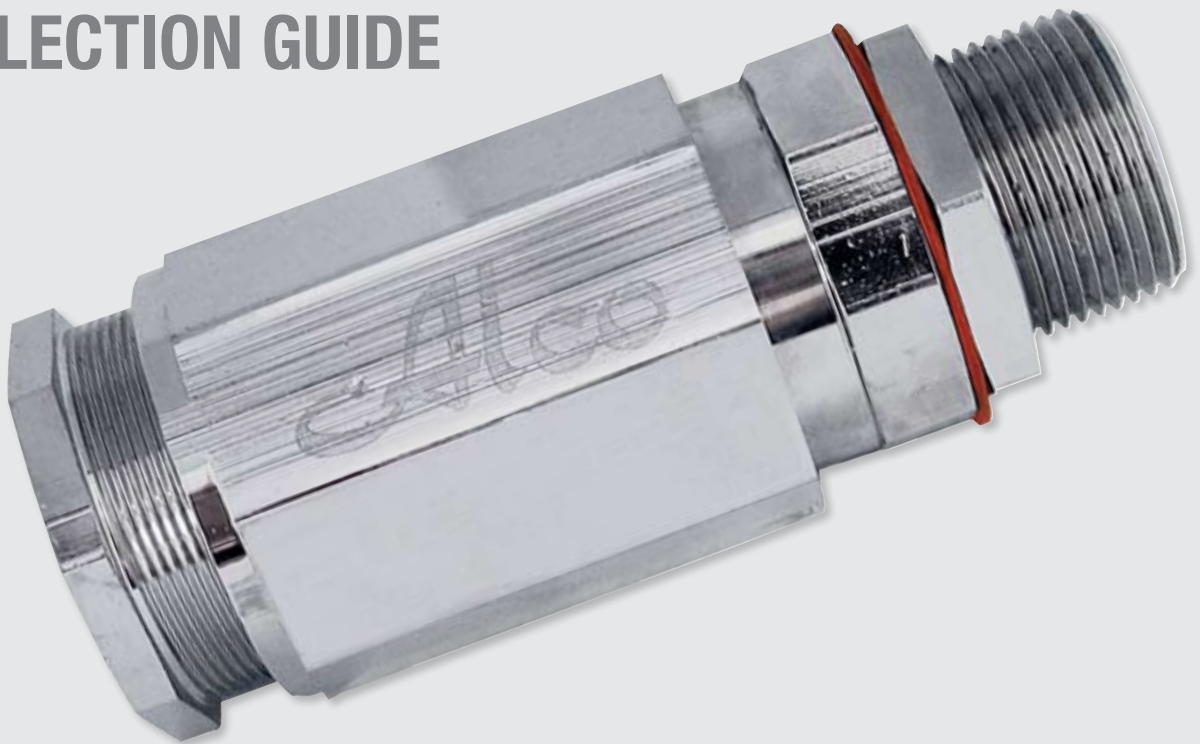




CABLE GLAND **SELECTION GUIDE**



CABLE GLAND SELECTION GUIDE

HOW TO SELECT THE CORRECT CABLE GLAND

APPROVAL OF GLAND TO BE USED IN HAZARDOUS AREAS

Gland Type	IP Rating		Class of Hazard (class I)				DIP A21	Ex d	Ex e	Ex ia	Ex ib	Ex p	International Gland Type
	IP 66 & 68 Rating	Pressure 30m (depth)	Methane I	Hydrogen IIC	Ethylene IIB	Propane IIA							
ALCUW	Yes	Yes											A1, A2
ALCHUW	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	A1, A2
ALCEMC	Yes	Yes											
ALCAW	Yes	Yes											B, C
ALCHAW	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	B, C, D1, E1*
ALCHAW Barrier	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	B, C*

EX D- FLAMEPROOF ENCLOSURE (AS/NZS 60079.1)

This type of protection refers to the enclosure of an electrical apparatus designed for explosive gas atmospheres to prevent ignition of a surrounding gas during normal operation. That is, the apparatus will withstand an internal explosion and prevent an external one. This protection applies to Zone 1 (where explosive atmosphere occurs during normal operation).

EX E- INCREASED SAFETY (AS/NZS 60079.7)

This type of protection refers to the enclosure of an electrical apparatus designed to prevent excessive heat or any sparks occurring during normal operation. Increased measures are taken to avoid this from happening. This protection applies to Zone 1.

EX IA- INTRINSIC SAFETY (AS/NZS 60079.11)

This type of protection refers to the enclosure of an electrical apparatus designed to prevent excess voltage and current from creating sparks with enough energy to ignite gases. This protection applies to Zone 0 (where explosive atmosphere is constantly present).

EX IB- INTRINSIC SAFETY (AS/NZS 60079.11)

This type of protection is the same as Ex ia, however it applies to Zone 1.

ED P- PRESSURISED ENCLOSURE (AS/NZS 60079.2)

This type of protection refers to the enclosure of an electrical apparatus designed to prevent ingress of external gases into the enclosure by maintaining a positive pressure above that of the external one. That is, it passes protective gas through the enclosure. This protection applies to Zone 1.

CABLE GLAND SELECTION GUIDE

2 CORE & EARTH CABLE

GLANDS FOR ARMoured CABLE



CABLE GLANDS FOR PVC/SWA/PVC ORANGE CIRCULAR 2C&E CABLE									
Olex Cable Details				ALCAW Cable Glands		ALCHAW Cable Glands		ALCHAW Barrier Glands	
Conductor area (mm ²)	Part No	Overbedding dia (mm)	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
1.5	DNMP05	8.7	14.1	ALCAW16/ ALCAW20SB	ALCSG2S/ ALCSG1S	ALCHAW20	ALCSG2S	ALCHAW20-B	ALCSG2S
2.5	DNMP07	9.8	15.2	ALCAW20MR	ALCSG2S	ALCHAW20SB	ALCSG2S	ALCHAW20SB-B	ALCSG2S
4.0	DNMP09	11.5	16.9	ALCAW20	ALCSG2L	ALCHAW20SB	ALCSG2S	ALCHAW20SB-B	ALCSG2S
6.0	DNMP11	12.7	18.1	ALCAW20	ALCSG2L	ALCHAW25A	ALCSG2L	ALCHAW25A-B	ALCSG2L
10.0	DNMP13	14.5	20.6	ALCAW20UR	ALCSG2L	ALCHAW25B	ALCSG3S	ALCHAW25B-B	ALCSG3S
16.0	DNMP15	16.4	22.5	ALCAW25	ALCSG3S	ALCHAW25B	ALCSG3S	ALCHAW25B-B	ALCSG3S
25.0	DNMC17	18.9	25.7	ALCAW25	ALCSG3S	ALCHAW32A	ALCSG3L	ALCHAW32A-B	ALCSG3L
35.0	DNMC18	20.9	27.8	ALCAW32	ALCSG4S	ALCHAW32A	ALCSG3L	ALCHAW32A-B	ALCSG3L
50.0	DNMC19	24.0	30.9	ALCAW32	ALCSG4S	ALCHAW32B	ALCSG4S	ALCHAW32B-B	ALCSG4S

CABLE GLANDS FOR XLPE/SWA/PVC ORANGE CIRCULAR 2C&E CABLE									
Olex Cable Details				ALCAW Cable Glands		ALCHAW Cable Glands		ALCHAW Barrier Glands	
Conductor area (mm ²)	Part No	Overbedding dia (mm)	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
16.0	DTMP15	15.5	21.6	ALCAW20UR	ALCSG2L	ALCHAW25B	ALCSG3S	ALCHAW25B-B	ALCSG3S
25.0	DTMC17	17.7	23.8	ALCAW25	ALCSG3S	ALCHAW25B	ALCSG3S	ALCHAW25B-B	ALCSG3S
35.0	DTMC18	19.7	26.6	ALCAW32	ALCSG4S	ALCHAW32A	ALCSG3L	ALCHAW32A-B	ALCSG3L
50.0	DTMC19	22.4	29.3	ALCAW32	ALCSG4S	ALCHAW32B	ALCSG4S	ALCHAW32B-B	ALCSG4S
70.0	DTMC20	26.0	33.1	ALCAW40	ALCSG5S	ALCHAW40A	ALCSG5S	ALCHAW40A-B	ALCSG5S
95.0	DTMC22	30.7	38.8	ALCAW40	ALCSG5S	ALCHAW40B	ALCSG5S	ALCHAW40B-B	ALCSG5S
120.0	DTMP23	35.7	44.0	ALCAW50	ALCSG6S	ALCHAW50A	ALCSG6S	ALCHAW50A-B	ALCSG6S



GLANDS FOR UNARMoured CABLE

CABLE GLANDS FOR PVC/PVC ORANGE CIRCULAR 2C&E CABLE												
Olex Cable Details			ALCUW Cable Glands		ALCHUW Cable Glands		ALCBRGM Brass Cable Glands		ALCBRGM Stainless Steel Cable Glands		ALCMG Nylon Cable Glands	
Conductor area (mm ²)	Part No	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
1.5	CNHP05	8.4	ALCUW16/ ALCUW20A	ALCSG0S/ ALCSG1S	ALCHUW20SB	ALCSG1S	ALCBRGM20	ALCSG1S	ALCBRGM20-SS	ALCSG1S	ALCMG16	ALCSG1S
2.5	CNHP07	9.8	ALCUW16/ ALCUW20A	ALCSG0S/ ALCSG1S	ALCHUW20SB	ALCSG1S	ALCBRGM20	ALCSG1S	ALCBRGM20-SS	ALCSG1S	ALCMG20	ALCSG2S
4.0	CNHP09	11.4	ALCUW20	ALCSG1S	ALCHUW20B	ALCSG2L	ALCBRGM25	ALCSG2S	ALCBRGM25-SS	ALCSG2S	ALCMG20	ALCSG2S
6.0	CNHP11	12.4	ALCUW20	ALCSG1S	ALCHUW20B	ALCSG2L	ALCBRGM25	ALCSG2S	ALCBRGM25-SS	ALCSG2S	ALCMG20	ALCSG2S
10.0	DNHP13	16.1	ALCUW25	ALCSG2L	ALCHUW25	ALCSG3S	ALCBRGM32	ALCSG2L	ALCBRGM32-SS	ALCSG3S	ALCMG25	ALCSG2L
16.0	DNHP15	18.0	ALCUW25	ALCSG2L	ALCHUW25	ALCSG3S	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
25.0	DNHC17	20.5	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3L	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
35.0	DNHC18	22.5	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3L	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
50.0	DNHC19	25.6	ALCUW32	ALCSG3S	ALCHUW40	ALCSG4S	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG40	ALCSG5S

CABLE GLANDS FOR XLPE/PVC ORANGE CIRCULAR 2C&E CABLE												
Olex Cable Details			ALCUW Cable Glands		ALCHUW Cable Glands		ALCBRGM Brass Cable Glands		ALCBRGM Stainless Steel Cable Glands		ALCMG Nylon Cable Glands	
Conductor area (mm ²)	Part No	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
16.0	DTHP15	17.1	ALCUW25	ALCSG2L	ALCHUW25	ALCSG3S	ALCBRGM32	ALCSG2L	ALCBRGM32-SS	ALCSG3S	ALCMG25	ALCSG2L
25.0	DTHC17	19.3	ALCUW25	ALCSG2L	ALCHUW32	ALCSG3L	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
35.0	DTHC18	21.3	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3L	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
50.0	DTHC19	24.0	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3L	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG40	ALCSG5S
70.0	DTHC20	27.6	ALCUW40	ALCSG4S	ALCHUW40	ALCSG4S	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG40	ALCSG5S
95.0	DTHC22	32.5	ALCUW40	ALCSG4S	ALCHUW50	ALCSG5S	ALCBRGM63	ALCSG6S	ALCBRGM63-SS	ALCSG6S	ALCMG50	ALCSG5S
120.0	DTHP23	37.3	ALCUW50	ALCSG5S	ALCHUW50	ALCSG5S	ALCBRGM63	ALCSG6S	ALCBRGM63-SS	ALCSG6S	ALCMG63	ALCSG6S

CABLE GLAND SELECTION GUIDE

3 CORE & EARTH CABLE

GLANDS FOR ARMoured CABLE



CABLE GLANDS FOR PVC/SWA/PVC ORANGE CIRCULAR 3C&E CABLE									
Olex Cable Details				ALCAW Cable Glands		ALCHAW Cable Glands		ALCHAW Barrier Glands	
Conductor area (mm ²)	Part No	Overbedding dia (mm)	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
1.5	FNMP05	9.5	15.0	ALCAW16/ ALCAW20SB	ALCSG2S/ ALCSG1S	ALCHAW20	ALCSG2S	ALCHAW20-B	ALCSG2S
2.5	FNMP07	10.9	16.3	ALCAW20MR	ALCSG2S	ALCHAW20SB	ALCSG2S	ALCHAW20SB-B	ALCSG2S
4.0	FNMP09	12.6	18.7	ALCAW20	ALCSG2L	ALCHAW25A	ALCSG2L	ALCHAW25A-B	ALCSG2L
6.0	FNMP11	13.8	20.0	ALCAW20	ALCSG2L	ALCHAW25B	ALCSG3S	ALCHAW25A-B	ALCSG2L
10.0	FNMP13	15.9	22.1	ALCAW25	ALCSG3S	ALCHAW25B	ALCSG3S	ALCHAW25B-B	ALCSG3S
16.0	FNMP15	18.0	24.9	ALCAW25	ALCSG3S	ALCHAW32A	ALCSG3L	ALCHAW32A-B	ALCSG3L
25.0	FNMC17	20.6	27.5	ALCAW32	ALCSG4S	ALCHAW32A	ALCSG3L	ALCHAW32A-B	ALCSG3L
35.0	FNMC18	23.0	29.9	ALCAW32	ALCSG4S	ALCHAW32B	ALCSG4S	ALCHAW32B-B	ALCSG4S
50.0	FNMC19	26.4	33.7	ALCAW40	ALCSG5S	ALCHAW40A	ALCSG5S	ALCHAW40A-B	ALCSG5S
70.0	FNMC20	30.6	38.9	ALCAW40	ALCSG5S	ALCHAW40B	ALCSG5S	ALCHAW40B-B	ALCSG5S
95.0	FNMC22	35.8	44.3	ALCAW50	ALCSG6S	ALCHAW50A	ALCSG6S	ALCHAW50A-B	ALCSG6S
120.0	FNMP23	40.4	49.2	ALCAW50	ALCSG6S	ALCHAW50B	ALCSG6S	ALCHAW50B-B	ALCSG6S
150.0	FNMP24	44.5	54.5	ALCAW50L	ALCSG6S	ALCHAW63A	ALCSG6L	ALCHAW63A-B	ALCSG6L
185.0	FNMP25	49.7	60.1	ALCAW63	ALCSG7S	ALCHAW63B	ALCSG7S	ALCHAW63B-B	ALCSG7S
240.0	FNMP26	57.2	68.8	ALCAW75	ALCSG8S	ALCHAW75A	ALCSG8S	ALCHAW75A-B	ALCSG8S
300.0	FNMP27	63.5	75.6	ALCAW90	ALCSG9S	ALCHAW90A	ALCSG9S	ALCHAW90A-B	ALCSG9S

CABLE GLANDS FOR XLPE/SWA/PVC ORANGE CIRCULAR 3C&E CABLE									
Olex Cable Details				ALCAW Cable Glands		ALCHAW Cable Glands		ALCHAW Barrier Glands	
Conductor area (mm ²)	Part No	Overbedding dia (mm)	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
16.0	FTMP15	17.0	23.1	ALCAW25	ALCSG3S	ALCHAW25B	ALCSG3S	ALCHAW25B-B	ALCSG3S
25.0	FTMC17	19.2	26.1	ALCAW32	ALCSG4S	ALCHAW32A	ALCSG3L	ALCHAW32A-B	ALCSG3L
35.0	FTMC18	21.6	28.4	ALCAW32	ALCSG4S	ALCHAW32B	ALCSG4S	ALCHAW32B-B	ALCSG4S
50.0	FTMC19	24.7	31.8	ALCAW32	ALCSG4S	ALCHAW32B	ALCSG4S	ALCHAW32B-B	ALCSG4S
70.0	FTMC20	29.1	37.4	ALCAW40	ALCSG5S	ALCHAW40B	ALCSG5S	ALCHAW40B-B	ALCSG5S
95.0	FTMC22	33.6	42.1	ALCAW50	ALCSG6S	ALCHAW50A	ALCSG6S	ALCHAW50A-B	ALCSG6S
120.0	FTMP23	38.5	47.2	ALCAW50	ALCSG6S	ALCHAW50B	ALCSG6S	ALCHAW50B-B	ALCSG6S
150.0	FTMP24	42.5	52.6	ALCAW50L	ALCSG6S	ALCHAW63A	ALCSG6L	ALCHAW63A-B	ALCSG6L
185.0	FTMP25	47.7	58.0	ALCAW63	ALCSG7S	ALCHAW63B	ALCSG7S	ALCHAW63B-B	ALCSG7S
240.0	FTMP26	54.8	66.2	ALCAW63L	ALCSG7S	ALCHAW75A	ALCSG8S	ALCHAW75A-B	ALCSG8S
300.0	FTMP27	60.9	72.7	ALCAW75	ALCSG8S	ALCHAW75B	ALCSG8S	ALCHAW75B-B	ALCSG8S



GLANDS FOR UNARMoured CABLE

CABLE GLANDS FOR PVC/PVC ORANGE CIRCULAR 3C&E CABLE												
Olex Cable Details			ALCUW Cable Glands		ALCHUW Cable Glands		ALCBRGM Brass Cable Glands		ALCBRGM Stainless Steel Cable Glands		ALCMG Nylon Cable Glands	
Conductor area (mm ²)	Part No	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
1.5	ENHP05	9.2	ALCUW16/ ALCUW20A	ALCSG0S/ ALCSG1S	ALCHUW20SB	ALCSG1S	ALCBRGM20	ALCSG1S	ALCBRGM20-SS	ALCSG1S	ALCMG16	ALCSG1S
2.5	ENHP07	11.1	ALCUW20	ALCSG1S	ALCHUW20B	ALCSG2L	ALCBRGM20	ALCSG1S	ALCBRGM20-SS	ALCSG1S	ALCMG20	ALCSG2S
4.0	ENHP09	12.5	ALCUW20	ALCSG1S	ALCHUW20B	ALCSG2L	ALCBRGM25	ALCSG2S	ALCBRGM25-SS	ALCSG2S	ALCMG20	ALCSG2S
6.0	ENHP11	13.5	ALCUW20	ALCSG1S	ALCHUW20B	ALCSG2L	ALCBRGM32	ALCSG2L	ALCBRGM32-SS	ALCSG3S	ALCMG25	ALCSG2L
10.0	FNHP13	17.5	ALCUW25	ALCSG2L	ALCHUW25	ALCSG3S	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
16.0	FNHP15	19.6	ALCUW25	ALCSG2L	ALCHUW32	ALCSG3L	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
25.0	FNHC17	22.2	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3L	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
35.0	FNHC18	24.6	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3L	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG40	ALCSG5S
50.0	FNHC19	28.0	ALCUW40	ALCSG4S	ALCHUW40	ALCSG4S	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG40	ALCSG5S
70.0	FNHC20	32.0	ALCUW40	ALCSG4S	ALCHUW50	ALCSG5S	—	—	—	—	ALCMG50	ALCSG5S
95.0	FNHC22	37.6	ALCUW50	ALCSG5S	ALCHUW50	ALCSG5S	ALCBRGM63	ALCSG6S	ALCBRGM63-SS	ALCSG6S	ALCMG63	ALCSG6S
120.0	FNHP23	42.4	ALCUW63	ALCSG6S	ALCHUW63	ALCSG6L	ALCBRGM63	ALCSG6S	ALCBRGM63-SS	ALCSG6S	ALCMG63	ALCSG6S
150.0	FNHP24	46.3	ALCUW63	ALCSG6S	ALCHUW63	ALCSG6L	—	—	—	—	—	—
185.0	FNHP25	51.7	ALCUW75	ALCSG7S	ALCHUW63	ALCSG6L	—	—	—	—	—	—
240.0	FNHP26	59.4	ALCUW75	ALCSG7S	ALCHUW75	ALCSG7S	—	—	—	—	—	—
300.0	FNHP27	66.2	ALCUW90	ALCSG9S	ALCHUW90	ALCSG9S	—	—	—	—	—	—

CABLE GLANDS SELECTION GUIDE

3 CORE & EARTH CABLE

GLANDS FOR UNARMoured CABLE

CABLE GLANDS FOR XLPE/PVC ORANGE CIRCULAR 3C&E CABLE												
Olex Cable Details			ALCUW Cable Glands		ALCHUW Cable Glands		ALCBRGM Brass Cable Glands		ALCBRGM Stainless Steel Cable Glands		ALCMG Nylon Cable Glands	
Conductor area (mm ²)	Part No	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
16.0	FTHP15	18.6	ALCUW25	ALCSG2L	ALCHUW25	ALCSG3S	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
25.0	FTHC17	20.8	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3S	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
35.0	FTHC18	23.2	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3S	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
50.0	FTHC19	26.3	ALCUW40	ALCSG4S	ALCHUW40	ALCSG4S	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG40	ALCSG5S
70.0	FTHC20	30.5	ALCUW40	ALCSG4S	ALCHUW40	ALCSG4S	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG40	ALCSG5S
95.0	FTHC22	35.2	ALCUW50	ALCSG5S	ALCHUW50	ALCSG5S	ALCBRGM63	ALCSG6S	ALCBRGM63-SS	ALCSG6S	ALCMG50	ALCSG5S
120.0	FTHP23	40.3	ALCUW50	ALCSG5S	ALCHUW50	ALCSG5S	ALCBRGM63	ALCSG6S	ALCBRGM63-SS	ALCSG6S	ALCMG63	ALCSG6S
150.0	FTHP24	44.3	ALCUW63	ALCSG6L	ALCHUW63	ALCSG6L	—	—	—	—	—	—
185.0	FTHP25	49.7	ALCUW63	ALCSG6L	ALCHUW63	ALCSG6L	—	—	—	—	—	—
240.0	FTHP26	56.8	ALCUW75	ALCSG7S	ALCHUW75	ALCSG7S	—	—	—	—	—	—
300.0	FTHP27	63.3	ALCUW75	ALCSG7S	ALCHUW75	ALCSG7S	—	—	—	—	—	—

GLANDS FOR SCREENED CABLE



CABLE GLANDS FOR VAROLEX VSD/EMC TAPE SCREENED 3C&E CABLE							
Olex Cable Details				ALCEMC Premium Cable Glands		EMC Standard Cable Glands	
Conductor area (mm ²)	Part No	Over screen dia (mm)	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
2.5	FTDP07	10.9	14.6	ALCEMC20	ALCSG2L	EMC25	ALCSG2S
4.0	FTDP09	13.0	16.6	ALCEMC20	ALCSG2L	EMC25	ALCSG2S
6.0	FTDP11	13.8	17.5	ALCEMC25	ALCSG3S	EMC32	ALCSG2L
10.0	FTDP13	14.8	18.5	ALCEMC25	ALCSG3S	EMC32	ALCSG2L
16.0	FTDP15	17.0	20.6	ALCEMC25	ALCSG3S	EMC32	ALCSG2L
25.0	FTDC17	19.2	22.8	ALCEMC32	ALCSG3S	EMC40	ALCSG4S
35.0	FTDC18	21.9	25.6	ALCEMC32	ALCSG3S	EMC40	ALCSG4S
50.0	FTDC19	25.1	28.8	ALCEMC40	ALCSG4S	EMC50	ALCSG5S
70.0	FTDC20	28.1	32.0	ALCEMC40	ALCSG4S	EMC50	ALCSG5S
95.0	FTDC22	33.9	38.0	ALCEMC50	ALCSG5S	EMC63	ALCSG6S
120.0	FTDP23	38.9	43.2	ALCEMC63	ALCSG6S	EMC63	ALCSG6S
150.0	FTDP24	42.6	47.3	ALCEMC63	ALCSG6S	—	—
185.0	FTDP25	47.5	52.0	ALCEMC75A	ALCSG7S	—	—
240.0	FTDP26	53.6	58.9	ALCEMC75B	ALCSG7S	—	—
300.0	FTDP27	59.6	65.2	ALCEMC75C	ALCSG7S	—	—



CABLE GLANDS FOR VEROLEX HD BRAID SCREENED 3C&E CABLE							
Olex Cable Details				ALCEMC Premium Cable Glands		EMC Standard Cable Glands	
Conductor area (mm ²)	Part No	Under braid dia (mm)	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
1.5	GETR04	9.1	13.4	ALCEMC20	ALCSG2L	EMC25	ALCSG2S
2.5	GETR05	10.2	14.9	ALCEMC20	ALCSG2L	EMC25	ALCSG2S
4.0	GETR06	11.5	16.4	ALCEMC20	ALCSG2L	EMC32	ALCSG2L
6.0	FTTR07	13.4	18.1	ALCEMC25	ALCSG3S	EMC32	ALCSG2L
10.0	FTTX01	14.7	19.4	ALCEMC25	ALCSG3S	EMC32	ALCSG2L
16.0	FTTX02	17.0	22.1	ALCEMC32	ALCSG3S	EMC40	ALCSG4S
25.0	FTTX03	20.1	25.3	ALCEMC32	ALCSG3S	EMC40	ALCSG4S
35.0	FTTX04	22.8	27.9	ALCEMC40	ALCSG4S	EMC50	ALCSG5S
50.0	FTTX05	24.5	30.1	ALCEMC40	ALCSG4S	EMC50	ALCSG5S
70.0	FTTX06	31.1	37.5	ALCEMC50	ALCSG5S	EMC63	ALCSG6S
95.0	FTTX07	34.8	41.6	ALCEMC50	ALCSG5S	EMC63	ALCSG6S
120.0	FTTE87	40.2	47.3	ALCEMC63	ALCSG6S	—	—
150.0	FTTE88	43.9	51.2	ALCEMC75A	ALCSG7S	—	—
185.0	FTTE89	49.3	57.0	ALCEMC75B	ALCSG7S	—	—
240.0	FTTE90	55.4	63.2	ALCEMC75C	ALCSG7S	—	—
300.0	FTTE91	61.2	69.7	—	—	—	—

CABLE GLAND SELECTION GUIDE

4 CORE & EARTH CABLE

GLANDS FOR ARMoured CABLE



CABLE GLANDS FOR PVC/SWA/PVC ORANGE CIRCULAR 4C&E CABLE									
Olex Cable Details				ALCAW Cable Glands		ALCHAW Cable Glands		ALCHAW Barrier Glands	
Conductor area (mm ²)	Part No	Overbedding dia (mm)	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
1.5	HNMP05	10.4	15.9	ALCAW20MR	ALCSG2S	ALCHAW20SB	ALCSG2S	ALCHAW20SB-B	ALCSG2S
2.5	HNMP07	11.9	17.3	ALCAW20	ALCSG2L	ALCHAW20SB	ALCSG2S	ALCHAW25A-B	ALCSG2L
4.0	HNMP09	13.8	20.0	ALCAW20UR	ALCSG2L	ALCHAW25A	ALCSG2L	ALCHAW25A-B	ALCSG2L
6.0	HNMP11	15.2	21.4	ALCAW20UR	ALCSG2L	ALCHAW25B	ALCSG3S	ALCHAW25B-B	ALCSG3S
10.0	HNMP13	17.6	24.4	ALCAW25	ALCSG3S	ALCHAW32A	ALCSG3L	ALCHAW32A-B	ALCSG3L
16.0	HNMP15	19.9	26.8	ALCAW32	ALCSG4S	ALCHAW32A	ALCSG3L	ALCHAW32A-B	ALCSG3L
25.0	HNMC17	22.9	29.8	ALCAW32	ALCSG4S	ALCHAW32B	ALCSG4S	ALCHAW32B-B	ALCSG4S
35.0	HNMC18	25.6	32.6	ALCAW32	ALCSG4S	ALCHAW40A	ALCSG5S	ALCHAW40A-B	ALCSG5S
50.0	HNMC19	29.8	38.1	ALCAW40	ALCSG5S	ALCHAW40B	ALCSG5S	ALCHAW40B-B	ALCSG5S
70.0	HNMC20	34.0	42.5	ALCAW50	ALCSG6S	ALCHAW50A	ALCSG6S	ALCHAW50A-B	ALCSG6S
95.0	HNMC22	40.0	48.8	ALCAW50	ALCSG6S	ALCHAW50B	ALCSG6S	ALCHAW50B-B	ALCSG6S
120.0	HNMP23	45.5	55.8	ALCAW63	ALCSG7S	ALCHAW63A	ALCSG6L	ALCHAW63A-B	ALCSG6L
150.0	HNMP24	49.6	60.1	ALCAW63	ALCSG7S	ALCHAW63B	ALCSG7S	ALCHAW63B-B	ALCSG7S
185.0	HNMP25	55.7	67.4	ALCAW63L	ALCSG7S	ALCHAW75A	ALCSG8S	ALCHAW75A-B	ALCSG8S
240.0	HNMP26	64.3	76.3	ALCAW90	ALCSG9S	ALCHAW90A	ALCSG9S	ALCHAW90A-B	ALCSG9S
300.0	HNMP27	71.8	85.8	ALCAW90	ALCSG9S	ALCHAW90B	ALCSG9S	ALCHAW90B-B	ALCSG9S

CABLE GLANDS FOR XLPE/SWA/PVC ORANGE CIRCULAR 4C&E CABLE									
Olex Cable Details				ALCAW Cable Glands		ALCHAW Cable Glands		ALCHAW Barrier Glands	
Conductor area (mm ²)	Part No	Overbedding dia (mm)	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
16.0	HTMP15	18.8	25.6	ALCAW25	ALCSG3S	ALCHAW32A	ALCSG3L	ALCHAW32A-B	ALCSG3L
25.0	HTMC17	21.3	28.2	ALCAW32	ALCSG4S	ALCHAW32B	ALCSG4S	ALCHAW32B-B	ALCSG4S
35.0	HTMC18	23.9	31.0	ALCAW32	ALCSG4S	ALCHAW32B	ALCSG4S	ALCHAW32B-B	ALCSG4S
50.0	HTMC19	27.5	35.5	ALCAW40	ALCSG5S	ALCHAW40A	ALCSG5S	ALCHAW40A-B	ALCSG5S
70.0	HTMC20	32.4	40.9	ALCAW40	ALCSG5S	ALCHAW40B	ALCSG5S	ALCHAW40B-B	ALCSG5S
95.0	HTMC22	37.5	46.1	ALCAW50	ALCSG6S	ALCHAW50B	ALCSG6S	ALCHAW50B-B	ALCSG6S
120.0	HTMP23	43.4	53.5	ALCAW50L	ALCSG6S	ALCHAW63A	ALCSG6L	ALCHAW63A-B	ALCSG6L
150.0	HTMP24	47.5	57.7	ALCAW63	ALCSG7S	ALCHAW63B	ALCSG7S	ALCHAW63B-B	ALCSG7S
185.0	HTMP25	53.7	64.4	ALCAW63L	ALCSG7S	ALCHAW75A	ALCSG8S	ALCHAW75A-B	ALCSG8S
240.0	HTMP26	61.1	73.0	ALCAW75	ALCSG8S	ALCHAW75B	ALCSG8S	ALCHAW75B-B	ALCSG8S
300.0	HTMP27	68.4	80.7	ALCAW90	ALCSG9S	ALCHAW90A	ALCSG9S	ALCHAW90B-B	ALCSG9S

CABLE GLAND SELECTION GUIDE

4 CORE & EARTH CABLE

GLANDS FOR UNARMoured CABLE



CABLE GLANDS FOR PVC/PVC ORANGE CIRCULAR 4C&E CABLE												
Olex Cable Details			ALCUW Cable Glands		ALCHUW Cable Glands		ALCBRGM Brass Cable Glands		ALCBRGM Stainless Steel Cable Glands		ALCMG Nylon Cable Glands	
Conductor area (mm ²)	Part No	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
1.5	GNHP05	10.0	ALCUW16/ ALCUW20A	ALCSG05/ ALCSG1S	ALCHUW20B	ALCSG2L	ALCBRGM20	ALCSG1S	ALCBRGM20-SS	ALCSG1S	ALCMG20	ALCSG2S
2.5	GNHP07	12.0	ALCUW20	ALCSG1S	ALCHUW20B	ALCSG2L	ALCBRGM25	ALCSG2S	ALCBRGM25-SS	ALCSG2S	ALCMG20	ALCSG2S
4.0	GNHP09	13.8	ALCUW20	ALCSG1S	ALCHUW20B	ALCSG2L	ALCBRGM32	ALCSG2L	ALCBRGM32-SS	ALCSG3S	ALCMG25	ALCSG2L
6.0	GNHP11	15.0	ALCUW25	ALCSG2L	ALCHUW25	ALCSG3S	ALCBRGM32	ALCSG2L	ALCBRGM32-SS	ALCSG3S	ALCMG25	ALCSG2L
10.0	HNHP13	19.2	ALCUW25	ALCSG2L	ALCHUW32	ALCSG3L	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
16.0	HNHP15	21.5	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3L	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
25.0	HNHC17	24.5	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3L	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG40	ALCSG5S
35.0	HNHC18	27.2	ALCUW40	ALCSG4S	ALCHUW40	ALCSG4S	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG40	ALCSG5S
50.0	HNHC19	31.2	ALCUW40	ALCSG4S	ALCHUW50	ALCSG5S	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG50	ALCSG5S
70.0	HNHC20	35.8	ALCUW50	ALCSG5S	ALCHUW50	ALCSG5S	ALCBRGM63	ALCSG6S	ALCBRGM63-SS	ALCSG6S	ALCMG50	ALCSG5S
95.0	HNHC22	42.0	ALCUW63	ALCSG6L	ALCHUW63	ALCSG6L	ALCBRGM63	ALCSG6S	ALCBRGM63-SS	ALCSG6S	ALCMG63	ALCSG5S
120.0	HNHP23	47.5	ALCUW63	ALCSG6L	ALCHUW63	ALCSG6L	—	—	—	—	—	—
150.0	HNHP24	51.8	ALCUW75	ALCSG7S	ALCHUW63	ALCSG6L	—	—	—	—	—	—
185.0	HNHP25	57.9	ALCUW75	ALCSG7S	ALCHUW75	ALCSG7S	—	—	—	—	—	—
240.0	HNHP26	66.9	ALCUW90	ALCSG9S	ALCHUW90	ALCSG9S	—	—	—	—	—	—
300.0	HNHP27	74.5	ALCUW90	ALCSG9S	ALCHUW90	ALCSG9S	—	—	—	—	—	—

CABLE GLANDS FOR XLPE/PVC ORANGE CIRCULAR 4C&E CABLE												
Olex Cable Details			ALCUW Cable Glands		ALCHUW Cable Glands		ALCBRGM Brass Cable Glands		ALCBRGM Stainless Steel Cable Glands		ALCMG Nylon Cable Glands	
Conductor area (mm ²)	Part No	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
16.0	HTHP15	20.4	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3L	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
25.0	HTHC17	22.9	ALCUW32	ALCSG3S	ALCHUW32	ALCSG3L	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG32	ALCSG3L
35.0	HTHC18	25.5	ALCUW32	ALCSG3S	ALCHUW40	ALCSG4S	ALCBRGM40	ALCSG3L	ALCBRGM40-SS	ALCSG3L	ALCMG40	ALCSG5S
50.0	HTHC19	29.3	ALCUW40	ALCSG4S	ALCHUW40	ALCSG4S	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG40	ALCSG5S
70.0	HTHC20	34.0	ALCUW50	ALCSG5S	ALCHUW50	ALCSG5S	ALCBRGM50	ALCSG5S	ALCBRGM50-SS	ALCSG5S	ALCMG50	ALCSG5S
95.0	HTHC22	39.3	ALCUW50	ALCSG5S	ALCHUW50	ALCSG5S	ALCBRGM63	ALCSG6S	ALCBRGM63-SS	ALCSG6S	ALCMG63	ALCSG5S
120.0	HTHP23	45.2	ALCUW63	ALCSG6L	ALCHUW63	ALCSG6L	ALCBRGM63	ALCSG6S	ALCBRGM63-SS	ALCSG6S	—	—
150.0	HTHP24	49.5	ALCUW63	ALCSG6L	ALCHUW63	ALCSG6L	—	—	—	—	—	—
185.0	HTHP25	55.7	ALCUW75	ALCSG7S	ALCHUW75	ALCSG7S	—	—	—	—	—	—
240.0	HTHP26	63.5	ALCUW75	ALCSG7S	ALCHUW75	ALCSG7S	—	—	—	—	—	—
300.0	HTHP27	71.2	ALCUW90	ALCSG9S	ALCHUW90	ALCSG9S	—	—	—	—	—	—



GLANDS FOR SCREENED CABLE

CABLE GLANDS FOR VERSOLEX HD BRAID SCREENED 4C&E CABLE							
Olex Cable Details				ALCEMC Premium Cable Glands		EMC Standard Cable Glands	
Conductor area (mm ²)	Part No	Under braid dia (mm)	Overall dia (mm)	Gland Part No	Shroud Part No	Gland Part No	Shroud Part No
1.5	BWTR04	10.1	14.6	ALCEMC20	ALCSG2L	EMC32	ALCSG2L
2.5	BWTR05	11.4	16.3	ALCEMC20	ALCSG2L	EMC32	ALCSG2L
4.0	BWTR06	12.8	18.1	—	—	EMC40	ALCSG4S
6.0	BWTR07	15.6	20.1	ALCEMC25	ALCSG3S	EMC40	ALCSG4S
10.0	BWTR01	17.6	22.1	—	—	EMC40	ALCSG4S
16.0	BWTR02	20.5	25.0	ALCEMC32	ALCSG3S	EMC40	ALCSG4S
25.0	BWTR03	25.2	29.7	ALCEMC40	ALCSG4S	EMC50	ALCSG5S
35.0	BWTR04	28.7	33.4	ALCEMC40	ALCSG4S	EMC50	ALCSG5S
50.0	BWTR05	33.3	38.4	ALCEMC50	ALCSG5S	EMC63	ALCSG6S
70.0	BWTR06	38.8	44.3	ALCEMC63	ALCSG6S	—	—

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