

E1W Gland Kit

KAA413 Series



The E1W is a dual seal weatherproof high performance cable gland for steel wire armoured cables.

Features and benefits:

- Brass indoor & outdoor gland and accessories
- For galvanized-steel single-wire armour, plastic or rubber sheathed cables
- Outer seal grips sheath of cable
- Inner seal grips bedding layer of cable
- Suitable for most climatic conditions, weatherproof and waterproof
- Three part armour lock with separate armour locking ring, ideal for checking electrical continuity

Kit comprises:

E1W Gland
Brass Earth Tag
Brass Locknut
PVC Shroud
(2 per kit up to and including 25mm size)



**THORNE &
DERRICK**
INTERNATIONAL

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Technical Information:

Suitable for use with all Steel Wire Armoured Cables inc: BS 5467, BS 6622, BS 5308

CuZn39Pb3 brass alloy used for guaranteed strength and performance

Complies with BS EN 50262 & BS 6121-1: 1989

Gland rated to IP66 with use of suitable sealing washer or thread sealant at gland interface

Service temperature range -20°C to +90°C

Metric and NPT versions available.

Specifications

Gland Kit Reference				Cable Dimensions mm						Gland Dimensions mm				
Design Reference		Size		Qty per Kit	Under Armour Max Ø (A)		Overall Ø (B)		Armour Wire Ø	Entry Thread (D)	Thread Length (E)	Protrusion Length (F)	Hexagon	
Standard	Nickel Plated	Metric	NPT		Min	Max	Min	Max					A/F (G)	A/C (H)
KAA413-51	KAA413-51V	16		2	6.3	8.6	8.0	13.2	0.9	M16×1.5	15	44	23.4	26.7
KAA413-71	KAA413-71V	20SS		2	6.3	8.6	8.0	13.2	0.9	M20×1.5	15	44	23.4	26.7
KAA413-52	KAA413-52V	20S		2	8.7	11.6	8.0	15.8	0.9/1.25	M20×1.5	15	46	25.6	28.6
KAA413-53	KAA413-53V	20		2	11.7	13.9	11.7	20.8	0.9/1.25	M20×1.5	15	46	30.5	34.0
KAA413-55	KAA413-55V	25		2	13.0	19.9	17.0	27.2	1.25/1.6	M25×1.5	15	51	37.6	42.2
KAA413-56	KAA413-56V	32		1	20.0	26.2	23.5	33.5	1.6/2.0	M32×1.5	15	56	47.3	53.6
KAA413-57	KAA413-57V	40		1	26.3	32.1	29.0	39.9	1.6/2.0	M40×1.5	15	59	56.4	61.5
KAA413-58	KAA413-58V	50S		1	32.2	38.1	38.0	46.2	2.0/2.5	M50×1.5	15	64	60.0	66.0
KAA413-59	KAA413-59V	50		1	38.2	44.0	39.5	52.6	2.0/2.5	M50×1.5	15	64	70.1	77.2
KAA413-60	KAA413-60V	63s		1	44.1	50.0	50.0	58.9	2.5	M63×1.5	15	67	75.0	83.0
KAA413-61	KAA413-61V	63		1	50.1	55.9	51.3	65.3	2.5	M63×1.5	15	67	80.0	87.4
KAA413-62	KAA413-62V	75s		1	56.0	61.9	62.0	71.6	2.5	M75×1.5	15	76	90.8	101.2
KAA413-63	KAA413-63V	75		1	62.0	67.9	62.5	78.0	2.5	M75×1.5	15	76	98.8	109.2
KAA413-64	KAA413-64V	85		1	68.0	74.0	68.0	88.0	3.15	M85×2.0	20	102	115.0	126.0
KAA413-65	KAA413-65V	90		1	70.0	78.0	79.0	90.0	3.15	M90×2.0	20	140	Ø 132	
413NP-03V		½" - 16		1	6.3	8.6	8.0	13.2	0.9	½" NPT	15.2	44	23.4	26.7
413NP-04V		½" - 20S		1	8.7	11.6	8.0	15.8	0.9/1.25	½" NPT	15.2	46	23.4	26.7
413NP-08V		¾" - 20		1	11.7	13.9	11.7	20.8	0.9/1.25	¾" NPT	16.3	46	30.5	34.0
413NP-14V		1" - 25		1	13.0	19.9	17.0	27.2	1.25/1.6	1" NPT	19.3	51	27.9	31.8
413NP-20V		1 ¼" - 32		1	20.0	26.2	23.5	33.5	1.6/2.0	1 ¼" NPT	20.3	56	47.3	53.6
413NP-27V		1 ½" - 40		1	26.3	32.1	29.0	39.9	1.6/2.0	1 ½" NPT	20.8	59	56.4	61.5
413NP-31V		2" - 50S		1	32.2	38.1	38.0	46.2	2.0/2.5	2" NPT	21.8	64	65.5	72.1
413NP-32V		2" - 50		1	38.2	44.0	39.5	52.6	2.0/2.5	2" NPT	21.8	64	70.1	77.2
413NP-38V		2 ½" - 63		1	50.1	55.9	51.3	65.3	2.5	2 ½" NPT	32.3	67	80.0	87.4
413NP-44V		3" - 75S		1	56.0	61.9	62.0	71.6	2.5	3" NPT	33	76	98.8	109.2
413NP-45V		3" - 75		1	62.0	67.9	62.5	78.0	2.5	3" NPT	33	76	98.8	109.2

*NPT Threaded glands are supplied as glands only.

**Other NPT sizes available upon request.

