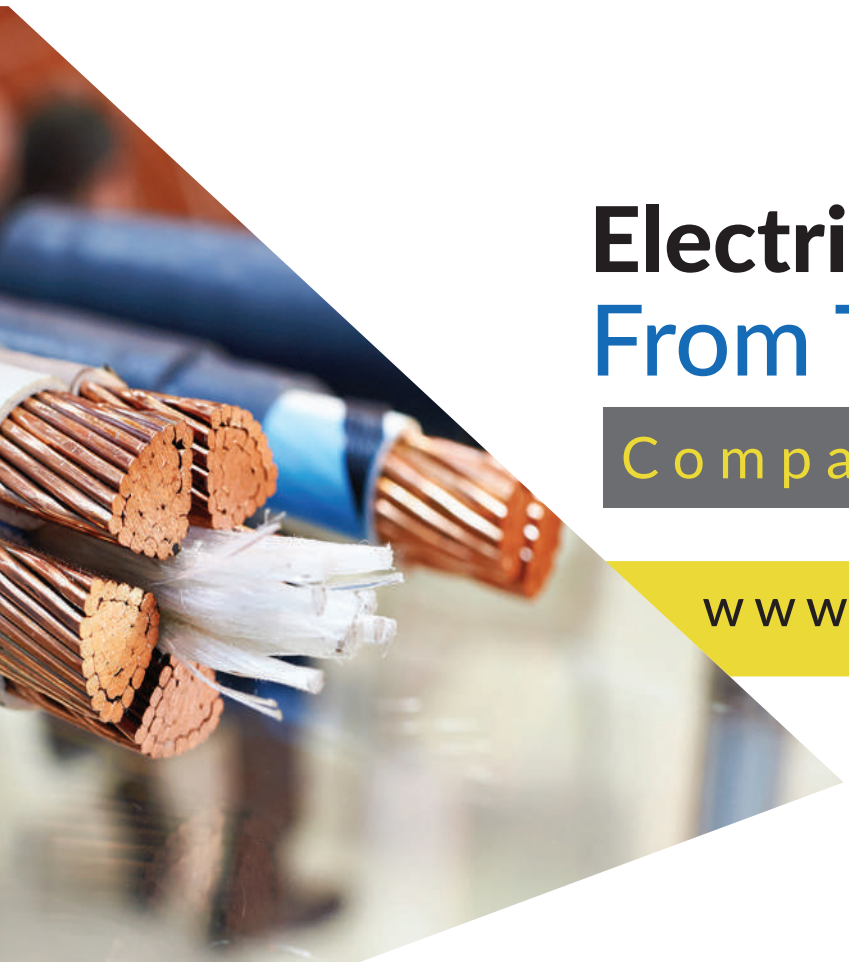


RAIDEN

RAIDEN INDUSTRIES

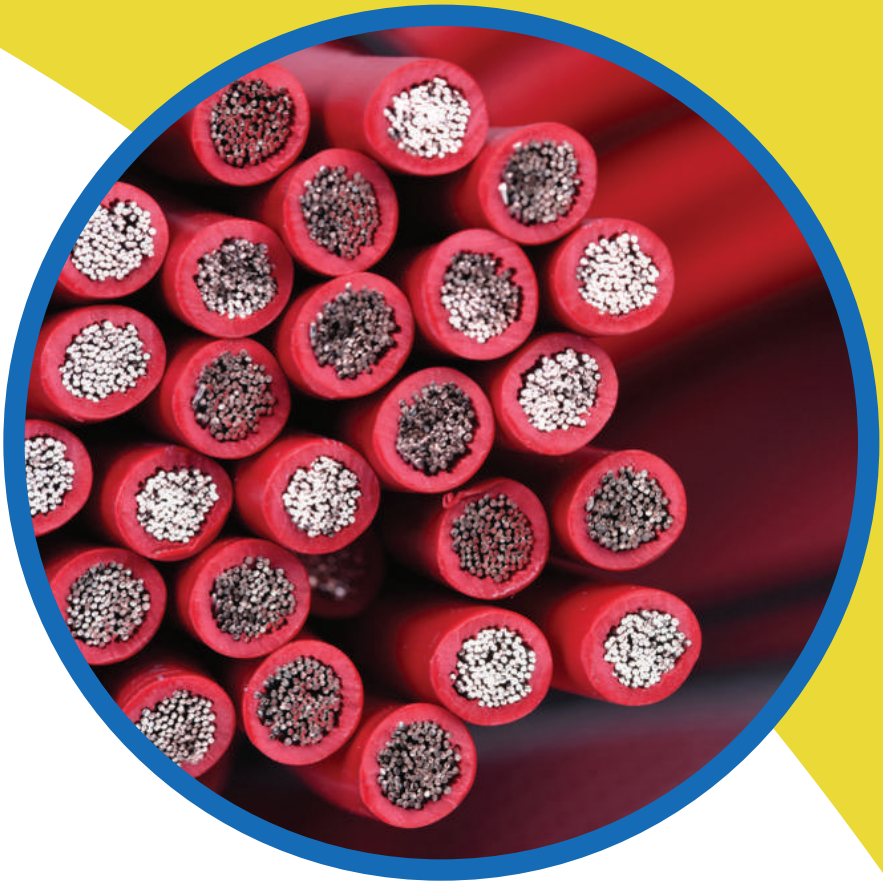


Electrifying The World
From The Ground Up

Company Profile 2019

www.raidenelectric.co.uk

Your Trusted Partner for
Exceptionally Designed
Products in the UK.



ABOUT
RAIDEN INDUSTRIES

Raiden Industries Ltd is a family owned business located in Leicestershire, United Kingdom and production unit being held in UK, UAE, China, India, Taiwan and Sweden. Raiden Ind Ltd has come a long way since its inception in 1990. Today, Raiden Ind Ltd is an established group of six recognized companies in the Construction World. Raiden Group is a leading supplier, manufacturer and exporter of Rubber Flexible Cable (HO7RNF), PVC Cable Management systems, GI Cable Trays and Trunking, Brass Cable Glands, Copper Cable Lugs, Cable Pulling Lubricants and Earthing and Lightning Protection Systems.

Raiden is guided by its corporate philosophy to uphold the highest standards of professionalism, business ethics, service and quality. Its reliable commitment to deliver only the best to its customers is the driving force behind the growth of the group, not just in size but also in the depth of knowledge and innovation.



VISION & MISSION

Raiden Ind Ltd is a leader in providing value – added solutions to the construction field. We have this position by building a successful partnership with our partner companies and establishing a long term relationship with our customers by exceeding their expectations and gaining their trust through exceptional performances. We will continue to build on our success through superior customer service, investment in people, process, innovation, quality and commitment.

- A customer-focused enterprise ever improving on service and quality standards.
- Using sustainability to drive product development and enhance operational efficiencies.
- Constantly building people to increase knowledge and innovation.

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A2 CABLE GLAND



RAIDEN A2 type brass indoor gland is used with all types of unarmoured cable, providing mechanical retention, and sealing is provided on the cable outer sheath. The RAIDEN A2 range of industrial cable gland is designed and tested as per BS6121:Part1:1989. It meets the requirement of EN 50262:1999

TECHNICAL INFORMATION

Type	:	A2
Design Specification	:	BS 6121: Part1: 1989
Ingress Protection Rating	:	IP 66
Standard Gland Material	:	Brass
Optical Gland Material	:	Nickel Plated Brass
Cable Type	:	Single Wire Armour (SWA)
Sealing Area(s)	:	Cable Outer Sheath
Available Accessories	:	Clamping Ring Steel/Brass Locknut,PVC/LSF shroud brass earthtag, nylon washer, brass reducer

CABLE GLAND KIT CONTAINS

Gland
Lock Nut
Shroud
Earth Tag
Upto 32mm & 40mm Size

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A2 CABLE GLAND

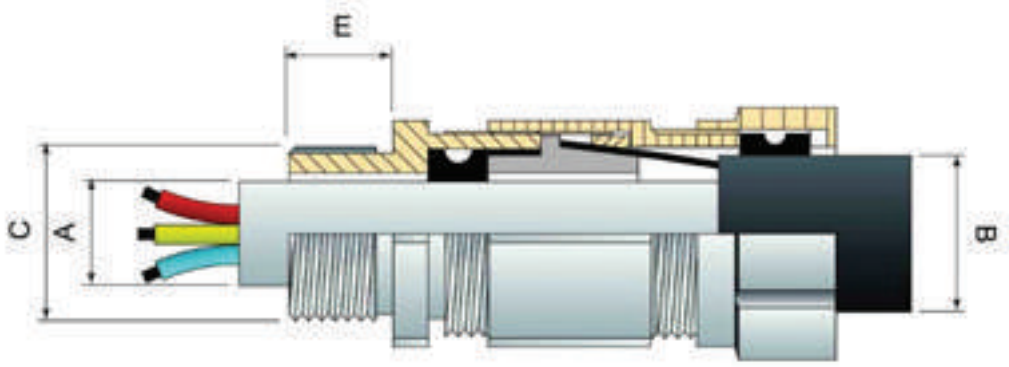


TABLE INFORMATION(MILLIMETER)

Gland Size	Entry Thread		Cable Acceptance Detail			Across Flat D	Across Corner
	Dia. C	Length Minimum E	Dia "A" Max	Dia. "B" Max	Armor Diameter		
20 S	20	10	8.00 - 11.8	12.00 - 16.00	0.90/1.25	22.00	25.00
20 L	20	10	11.00 - 14.00	15.50 - 20.00	0.90/1.25	26.00	29.00
25 S	25	10	12.00 - 17.00	17.50 - 23.00	1.25/1.60	31.50	35.50
25 L	25	10	14.00 - 20.00	23.00 - 26.50	1.25/1.60	34.00	38.00
32 S	32	10	18.00 - 23.00	25.00 - 30.00	1.60/2.00	38.50	43.50
32 L	32	10	20.00 - 26.00	26.70 - 33.00	1.60/2.00	41.00	46.00
40 S	40	15	23.00 - 30.00	32.00 - 37.50	1.60/2.00	46.00	51.00
40 L	40	15	26.00 - 32.20	33.00 - 40.50	1.60/2.00	49.50	56.00
50 S	50	15	32.50 - 38.50	39.50 - 46.00	2.00/2.50	57.00	64.00
50 L	50	15	36.50 - 44.00	46.00 - 52.00	2.00/2.50	61.00	58.00
63 S	63	15	43.50 - 50.00	52.00 - 59.00	2.50	70.00	79.00
63 L	63	15	49.00 - 56.00	58.50 - 66.00	2.50	78.00	86.00
75 S	75	15	54.50 - 62.00	65.00 - 72.00	2.50	84.00	95.00
75 L	75	15	61.00 - 68.00	71.50 - 78.00	2.50	92.00	102.00

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BRASS GLAND SELECTION CHART

The gland sizes recommended are in accordance with calculation based on PVC/SWA cables manufactured to BS6346 (1997) and “RAIDEN” cannot accept any responsibility for cables that prove to devite materially from the nominal diameter quoted in BS6346 (1997)

Cable Size Conductor	Number of Cores												
Nom Area mm2	1	2	3	3.5	4	5	7	10	12	19	27	37	48
1.5	16 S	20/16	20 S	-	20 S	20 L	20 L	20 L	25 S	25 L	25 L	32 L	32 L
2.5	16 S	20 S	20 S	-	20 L	20 L	20 L	25 S	25 L	25 L	32 L	40 S	40 L
4	16 L	20 L	20 L	-	20 L	20 L	25 S	25 S	25 L	32 S	32 L	40 S	-
6	20 S	20 L	20 L	-	20 L								
10	20 S	25 S	25 S	-	25 L								
16	20 L	25 S	25 S	-	25 L								
25	20 L	25 S	25 L	25 L	25 L								
25		25 L	25 L	-	32 S								
35	20 L	25 L	32 S	32 S	32 L								
35		25 L	32 L	-	32 L								
50	25 S	32 S	32 L	32 L	40 S								
70	25 L	32 L	40 S	40 L	40 L								
95	25 L	40 S	40 L	50 S	50 S								
120	25 L	40 L	50 S	50 S	50 L								
150	32 S	40 L	50 S	50 L	63 S								
185	32 L	50 S	50 L	63 S	63 S								
240	40 S	50 L	63 S	63 L	63 L								
300	40 L	63 S	63 L	75 S	75 S								
300	40 L	63 S	-	75 L	75 L								
400	50 S	63 L	75 S	75 L	90 S								
500	50 L	-	75 L	90 L	90 L								
630	50 L	-	-	-	-								
800	63 S	-	-	-	-								
1000	63 L	-	-	-	-								

Gland Selection Chart for PVC & XLPE Armored Cables to BS6346 & BS5467

Selection charts are intended as a guide. It is strongly recommended that the actual cable dimension is checked against the Gland dimension to ensure a correct selection. This is particularly important where seals are required.

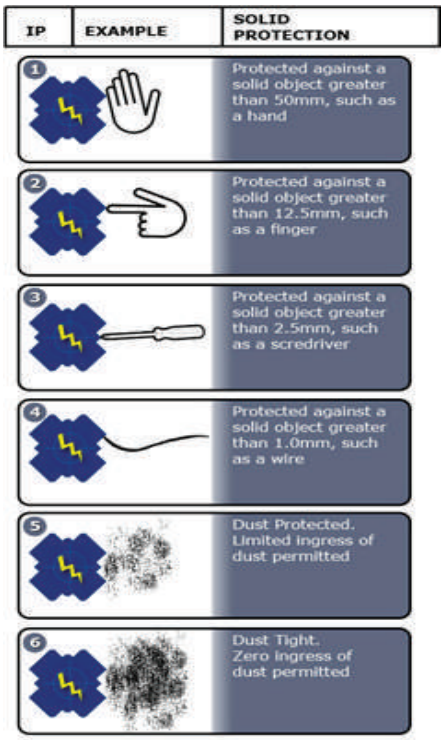
“Raiden” and their professionals cannot accept the irresponsibility, where an inaccurate selection is made, be it type or size.

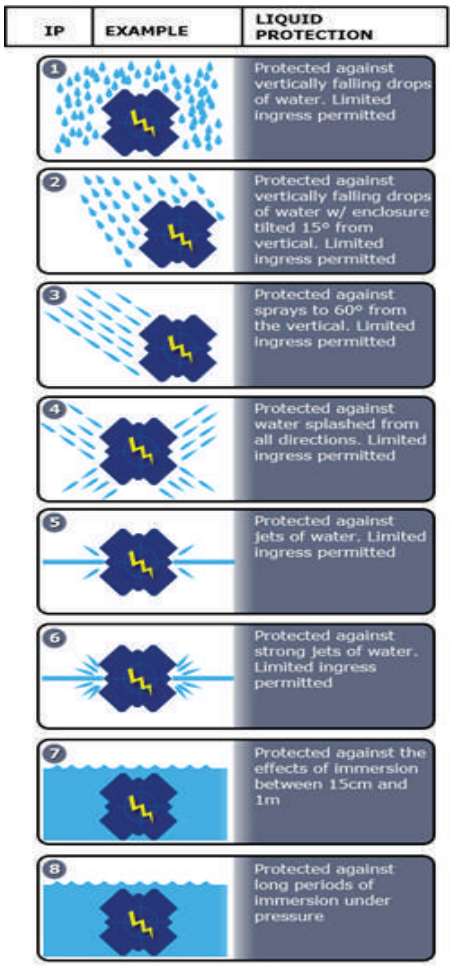
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INGRESS PROTECTION RATING

Ingress Protection is a most significant part for any electrical equipment. For any industry, the electrical installations require high level of integrity and the protection systems are dependent upon the equipment used to maintain the continuous electrical supply.

The glands are required to go thru several standard tests to verify the Ingress protection rating. This I sin line for similar for all electrical equipment's. We Raiden has got all our glands tested by an independent agency to validate our ingress protection i.e. I.P ratings. The testes are done as per the standards EN 60529 (iec 60529). Our cable glands have been tested to IP 54. Please note that the Ingress protection tests are different from Deluge protection tests.





CABLE GLAND ACCESSORIES

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LOCKNUT



Lock Nuts are available in Brass & Steel 9Galv.) in metric, inches, NPT, BSP & PG Threads

PVC SHROUD

PVC Shrouds available to suit each size of cable glands and denotes gland size.



EARTH TAG



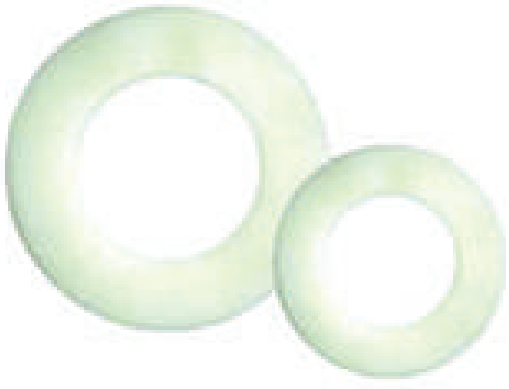
Earth tag are available from 16 mm to 90mm

CABLE GLAND ACESSORIES

PVC COLOURED SHROUD IN SPECIAL CASES



NYLON WASHER FROM 20 MM TO 90 MM



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CABLE GLAND ACCESSORIES

HEXAGONAL REDUCER



Male Thread	Female Thread
M16	M12
M20	M12
M20	M16
M25	M16
M25	M20
M32	M20
M32	M25
M40	M20
M40	M25
M40	M32
M50	M25
M50	M32
M50	M40
M63	M40
M63	M50
M75	M50
M75	M63

HEXAGONAL STOP PLUG



Size	Thread
M12	M 12 X 1.5
M16	M 16 X 1.5
M20	M 20 X 1.5
M25	M 25 X 1.5
M32	M 32 X 1.5
M40	M 40 X 1.5
M50	M 50 X 1.5
M63	M 63 X 1.5
M75	M 75 X 1.5
M90	M 90 X 1.5
M100	M 100 X 1.5

ROUND HEAD STOP PLUG



Size	Thread
M12	M 12 X 1.5
M16	M 16 X 1.5
M20	M 20 X 1.5
M25	M 25 X 1.5
M32	M 32 X 1.5
M40	M 40 X 1.5
M50	M 50 X 1.5
M63	M 63 X 1.5





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