



February 2017

Cable glands

For general industry and hazardous areas



KOPEX-EX™

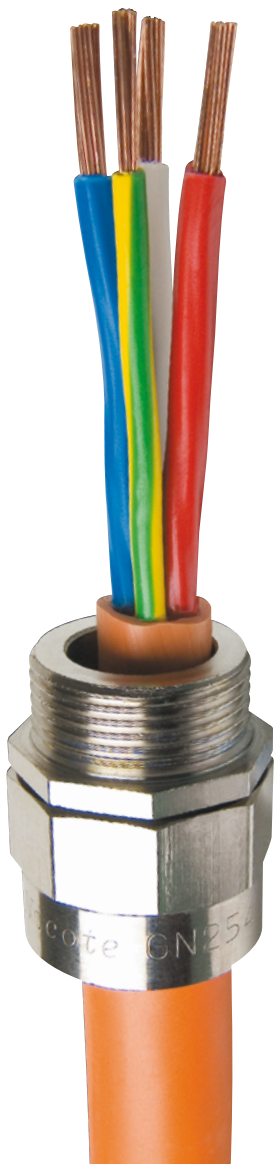
ABB

Introduction

When safety matters, there is only one choice

The Nicote and Kopex range of cable glands come to ABB through the acquisition of Thomas & Betts, a global leader in the design, manufacture of electrical installation products. Today, these brands are known for high quality and reliability in the industry delivering a comprehensive range of products to ensure enclosure ingress protection and cable strain-relief even in harsh environments.

Take a look at just some of the features that make Nicote the first choice:



Highly durable nickel plating

These glands are coated in a proprietary 2 coat plating process that ensures all metal components will not degrade and potentially let you down over time.

Comprehensive range

The greater the range of cable sizes a gland is designed to cover, the higher the risk of seals failing. ABB delivers contains a comprehensive range with smaller cable acceptance increments that also allows the gland bodies to be smaller and hence easier to use when space is tight.

Full approvals

Don't just take our word for it, independent test bodies have confirmed that the gland range complies with relevant IEC and Australian standards including approvals for hazardous areas.

Neoprene seals

All glands use high quality neoprene seals that retain their tension and are resistant to oil, chemicals and flame making them the best choice for hazardous applications.

IP66/68 protection

All glands classified for indoor or outdoor use are supplied with IP66/68 gaskets for installation on the mounting thread and neoprene seals on the cable sheath. This level of protection means that the glands are protected from the ingress of dust and water. Anything less is unacceptable and compromises safety.

O'ring seals

All glands designed for SWA cable and classified for indoor or outdoor use, feature o'ring seals between the body and sleeve to ensure that water cannot progress along the thread and compromise the seal. Just another safety feature.

Easy to use

The ability to easily produce a tight seal and correct earth everytime is of primary importance. All glands are designed to be easy to use and to ensure that the installer can see that the correct fitting instructions have been followed. For example, all SWA flameproof glands feature a loose clamping cone so that the installer can see that the armour is fully secured.

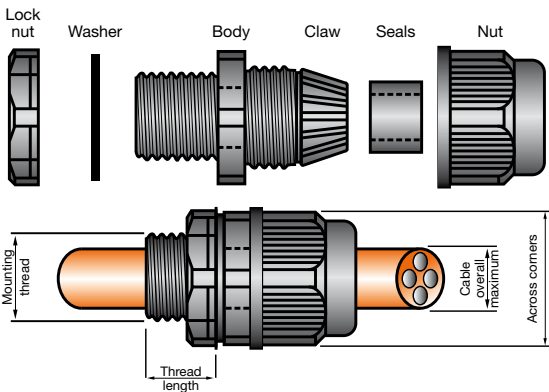
NG cable gland

General purpose nylon cable glands

ABB nylon cable glands are quick and easy to install with a high quality gripping claw/seal arrangement that caters for a wide range of cable sizes per fitting. Each gland has no loose parts and requires no disassembly for cable installation.

Catalogue no.	Mounting thread (mm)		Cable acceptance details – overall diameter (mm)		Cable gland (mm)	Pack quantity
	Size	Length	Minimum	Maximum	Across corners	
NG-12	M12 x 1.5	15	4	7	15	50
NG-16	M16 x 1.5	15	6	10	22	50
NG-20	M20 x 1.5	15	8.5	14	27	25
NG-20-2.5TPS	M20 x 1.5	15	2.5mm TPS	N/A	27	25
NG-25	M25 x 1.5	15	12.5	18	33	25
NG-32	M32 x 1.5	15	18	25	41	10
NG-40	M40 x 1.5	15	24	32	50	10
NG-50	M50 x 1.5	20	30	41	62	2
NG-63	M63 x 1.5	20	40	51	75	2

Note: Product specifications may change at any time without notice



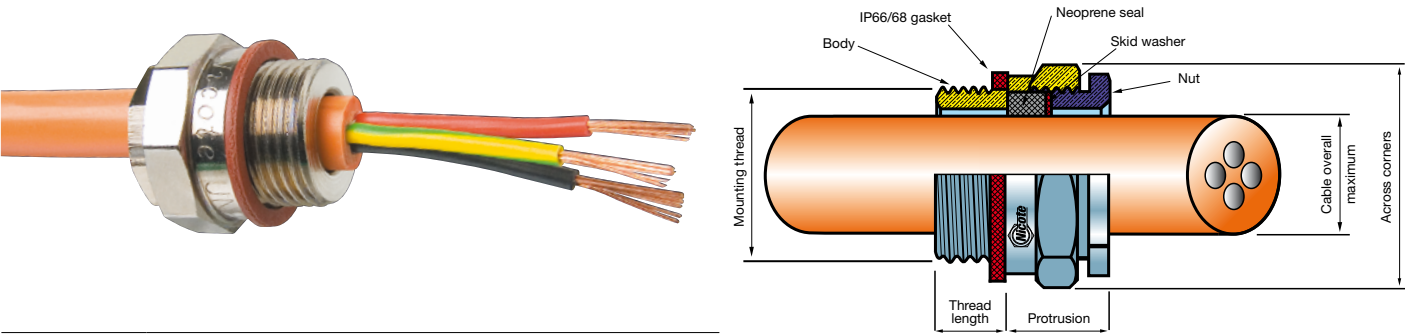
Applications	Indoor and outdoor use
Standards	AS60529-2004
Function	Provides seal on cable sheath
Protection class	IP68, resistant to salt water, weak alcohol, oil, grease and common solvents
Construction	Body - UL approved nylon 66 (black)
	Seal - EPDM rubber
Thread Type	Metric with locknut and IP68 washer

UN cable gland

General purpose cable gland for circular cable

Catalogue no.	Mounting thread (mm)		Cable acceptance details – overall diameter (mm)		Cable gland (mm)	
	Size	Length	Minimum	Maximum	Across corners	Protrusion
UN12A	1/2" x 26 TPI	10	1.0	6.0	18.3	13
UN16A	M16 x 1.5	10	1.0	6.0	20.6	13
UN20A	M20 x 1.5	10	6.0	10.6	27.5	14
UN20B	M20 x 1.5	10	10.6	15.0	30.9	16
UN25A	M25 x 1.5	10	15.0	20.0	33.0	17
UN32A	M32 x 1.5	10	20.0	25.0	40.7	18
UN40A	M40 x 1.5	16	25.0	30.0	51.1	21
UN40B	M40 x 1.5	16	30.0	35.0	55.0	23
UN50A	M50 x 1.5	16	35.0	40.0	60.9	23
UN50B	M50 x 1.5	16	40.0	45.0	67.0	24
UN63A	M63 x 1.5	19	45.0	50.0	78.0	25
UN63B	M63 x 1.5	19	50.0	55.0	88.0	32

Note: Product specifications may change at any time without notice



Applications	Indoor and outdoor use
Standards	AS60529-2004
Function	Provides seal on cable sheath
Protection class	Ingress of water IP66/68 (30m)
Construction	Nickel plated brass components

Fitting instructions

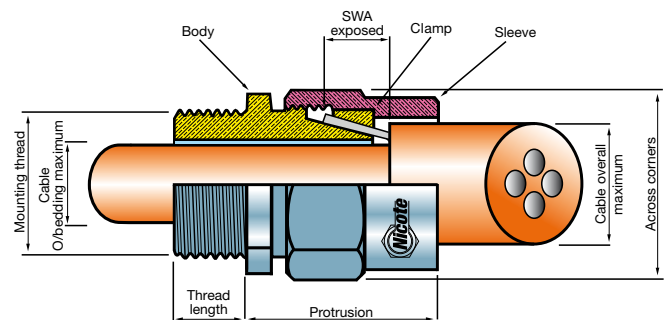
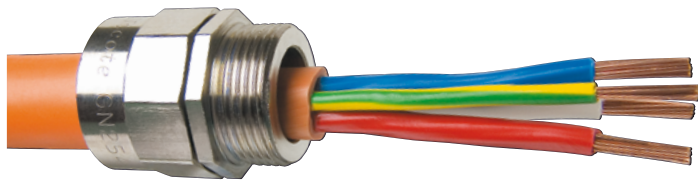
- 1 To comply with IP66/68 approvals, the fibre gasket must be installed on the mounting thread.
- 2 Screw the gland body into the apparatus, or use a locknut to secure body.
- 3 Pass the cable through the gland to the required position and tighten gland nut so that the seal grips firmly onto the cable.

GN cable gland

General purpose cable gland for steel wired armoured cable

Catalogue no.	Mounting thread (mm)		Cable acceptance details (mm)				Cable gland (mm)		SWA exposed (mm)	Inner carton pack quantity
	Size	Length	O/bedding	Overall diameter		SWA diameter	Across corners	Protrusion		
			Maximum	Minimum	Maximum					
GN164	M16 x 1.5	10.00	7.20	7.40	10.80	0.90 - 1.25	20.5	21.5	8.0	30
GN204	M20 x 1.5	10.00	11.00	10.40	17.00	0.90 - 1.25	25.2	26.3	8.0	20
GN206	M20 x 1.5	10.00	13.75	16.60	20.00	0.90 - 1.25	27.5	26.3	8.0	20
GN254	M25 x 1.5	10.00	16.25	19.60	22.50	0.90 - 1.25	30.3	26.3	8.0	16
GN256	M25 x 1.5	10.00	18.75	22.10	26.00	1.25 - 1.60	33.6	35.7	10.5	8
GN324	M32 x 1.5	10.00	22.75	25.60	30.00	1.25 - 1.60	39.5	38.7	12.0	6
GN326	M32 x 1.5	10.00	26.50	29.60	34.00	1.60 - 2.00	44.5	38.7	12.0	4
GN405	M40 x 1.5	15.00	32.75	33.60	41.50	1.60 - 2.00	54.2	44.6	14.0	6
GN503	M50 x 1.5	15.00	38.50	41.10	49.00	2.00 - 2.50	60.3	51.3	15.5	4
GN505	M50 x 1.5	15.00	44.45	48.60	55.50	2.00 - 2.50	66.7	54.5	15.5	4
GN636	M63 x 1.5	19.00	56.25	55.10	68.25	2.50 - 3.15	82.6	56.0	17.5	2
GN753	2.5" BSP	19.00	60.35	67.85	73.00	2.50 - 3.15	95.3	60.0	21.5	1
GN755	2.5" BSP	19.00	66.70	72.60	79.40	2.50 - 3.15	101.6	60.0	21.5	1

Note: Product specifications may change at any time without notice



Applications	Indoor use
Function	Provides armour clamp
Construction	Nickel plated brass components

Fitting instructions

- 1 Screw the gland body into the apparatus.
- 2 Pass the gland sleeve over the cable before commencing to strip the outer sheath of the cable.
- 3 Measure the length of tails required and add about 75mm to the outer sheath and armour to this point.
- 4 Strip the outer sheath.
- 5 Cut the armour wire to the SWA exposed length in the table.
- 6 Pass the armour clamp over the armour.
- 7 Pass the armour cone over the bedding and under the armour wires.
- 8 Pass the bedding through the gland body.
- 9 Engage sleeve thread onto body thread and tighten securely.

WGN cable gland

General purpose cable gland for steel wired armoured cable

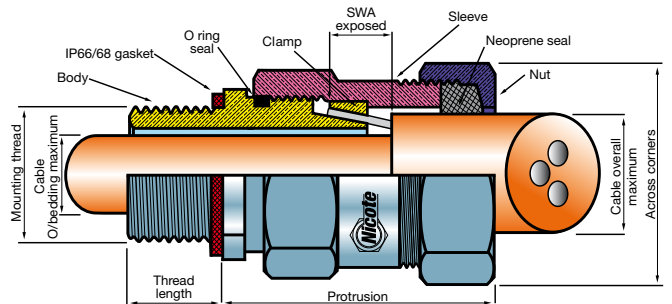
Catalogue no.	Mounting thread (mm)		Cable acceptance details (mm)				Cable gland (mm)		SWA exposed (mm)	Inner carton pack quantity
	Size	Length	O/bedding	Overall diameter		SWA diameter	Across corners	Protrusion		
			Maximum	Minimum	Maximum					
WGN162	M16 x 1.5	14	6.00	8.00	9.60	0.50 - 0.90	24.1	36	8	40
WGN164	M16 x 1.5	14	7.20	9.20	10.80	0.50 - 0.90	24.1	36	8	40
WGN202	M20 x 1.5	14	8.00	10.40	12.00	0.50 - 0.90	25.3	40	9	30
WGN203	M20 x 1.5	14	9.75	11.60	15.50	0.90 - 1.25	27.5	40	9	30
WGN204	M20 x 1.5	14	11.00	15.10	17.00	0.90 - 1.25	27.5	40	9	30
WGN206	M20 x 1.5	14	13.75	16.60	20.00	0.90 - 1.25	33.0	40	9	20
WGN254	M25 x 1.5	14	16.25	19.60	22.50	0.90 - 1.25	36.4	40	9	8
WGN256	M25 x 1.5	14	18.75	22.10	26.00	1.25 - 1.60	40.7	47	11	6
WGN324	M32 x 1.5	14	22.75	25.60	30.00	1.25 - 1.60	49.8	55	12	8
WGN326	M32 x 1.5	14	26.50	29.60	34.00	1.60 - 2.00	49.8	55	12	8
WGN403	M40 x 1.5	15	28.50	33.60	37.00	1.60 - 2.00	60.9	59	13	4
WGN404	M40 x 1.5	15	30.75	36.60	39.50	1.60 - 2.00	60.9	59	13	4
WGN405	M40 x 1.5	15	32.75	39.10	41.50	1.60 - 2.00	60.9	59	13	4
WGN502	M50 x 1.5	15	35.75	41.10	45.00	2.00 - 2.50	76.0	73	14	4
WGN503	M50 x 1.5	15	38.50	44.60	49.00	2.00 - 2.50	76.0	73	14	4
WGN504	M50 x 1.5	15	41.65	48.60	53.50	2.00 - 2.50	86.5	73	14	2
WGN505	M50 x 1.5	15	44.45	53.10	55.50	2.00 - 2.50	86.5	73	14	2
WGN634	M63 x 1.5	19	48.80	55.10	60.35	2.50 - 3.15	101.9	79	15	1
WGN635	M63 x 1.5	19	52.40	59.95	63.50	2.50 - 3.15	101.9	79	15	1
WGN636	M63 x 1.5	19	56.25	63.10	68.25	2.50 - 3.15	101.9	79	15	1
WGN753	2.5" BSP	19	60.35	67.85	73.00	2.50 - 3.15	115.6	93	22	1
WGN754	2.5" BSP	19	63.50	72.60	76.20	2.50 - 3.15	115.6	93	22	1
WGN755	2.5" BSP	19	66.70	75.80	79.40	2.50 - 3.15	115.6	93	22	1
WGN10A	3" BSP	19	70.00	79.00	84.00	3.15	124.0	90	22	1
WGN10B	3" BSP	19	76.00	83.60	88.50	3.15	124.0	90	22	1

Note:

- Product specifications may change at any time without notice
- WGN10A - B complete with earth fixing lug of 1/2" diameter



Applications	Indoor and outdoor use
Function	Provides armour clamp, and seal on outer sheath
Protection class	Ingress of water IP66/68
Construction	Nickel plated brass components



Fitting instructions

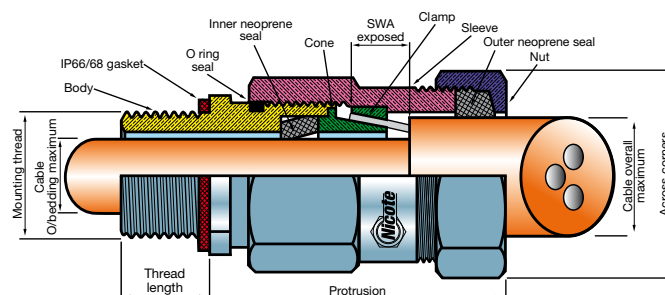
- To comply with IP66/68 approvals, the fibre gasket must be installed on the mounting thread.
- Screw the gland body into the apparatus.
- Pass the gland nut, outer seal and gland sleeve over the cable before commencing to strip the outer sheath of the cable.
- Measure the length of tails required and add about 75mm to the outer sheath and armour to this point.
- Strip the outer sheath.
- Cut the armour wire to SWA exposed length.
- Pass the armour clamp over the armour.
- Pass the body and armour cone over the bedding and under the armour wires.
- Engage sleeve thread onto body thread and tighten securely.
- Slide outer seal and gland nut into position and engage nut thread onto sleeve thread.
- Tighten gland nut securely.

FLWN cable gland

Flameproof cable gland for steel wired armoured cable

Catalogue no.	Mounting thread (mm)		Cable acceptance details (mm)					Cable gland (mm)		SWA exposed (mm)
	Size	Length	Overbedding		Overall diameter		SWA diameter	Across corners	Protrusion	
			Minimum	Maximum	Minimum	Maximum				
FLWN202	M20 x 1.5	15.80	6.00	8.00	11.00	13.00	0.50 - 0.90	25	54	12
FLWN203	M20 x 1.5	15.80	8.30	9.75	12.50	15.50	0.90 - 1.25	27	54	12
FLWN204	M20 x 1.5	15.80	9.35	11.00	15.10	17.00	0.90 - 1.25	27	54	12
FLWN205	M20 x 1.5	15.80	10.60	12.50	16.60	20.00	0.90 - 1.25	33	54	12
FLWN206	M20 x 1.5	15.80	12.00	13.75	17.00	20.00	0.90 - 1.25	33	54	12
FLWN253	M25 x 1.5	19.00	13.35	15.00	19.60	22.50	0.90 - 1.25	36	56	12
FLWN254	M25 x 1.5	19.00	14.60	16.25	19.60	22.50	0.90 - 1.25	36	56	12
FLWN255	M25 x 1.5	19.00	15.85	17.50	22.10	26.00	1.25 - 1.60	41	56	12
FLWN256	M25 x 1.5	19.00	17.10	18.75	23.00	26.00	1.25 - 1.60	41	56	12
FLWN323	M32 x 1.5	25.40	18.35	20.75	25.60	30.00	1.25 - 1.60	50	64	13
FLWN324	M32 x 1.5	25.40	20.35	22.75	25.60	30.00	1.25 - 1.60	50	64	13
FLWN325	M32 x 1.5	25.40	22.35	24.75	29.60	34.00	1.60 - 2.00	50	64	13
FLWN326	M32 x 1.5	25.40	24.35	26.50	30.00	34.00	1.60 - 2.00	50	64	13
FLWN403	M40 x 1.5	25.40	26.10	28.50	33.60	37.00	1.60 - 2.00	61	72	15
FLWN404	M40 x 1.5	25.40	28.10	30.75	36.60	39.50	1.60 - 2.00	61	72	15
FLWN405	M40 x 1.5	25.40	30.35	32.75	37.00	41.50	1.60 - 2.00	61	72	15

Note: Product specifications may change at any time without notice



Applications	Indoor and outdoor use in hazardous areas	
Standards	IEC 60079 - 0:2004	IEC 61241 - 0:2004
	IEC 60079 - 1:2007	IEC 61241 - 1:2004
Function	Provides o/bedding flameproof seal, armour	
	Clamp and seal on outer sheath	
Protection class	ANZEx 11.2001x	Ingress of water
	IECEx SIM 11.0002X	IP66/68 (30m)
	Ex d I/IIC	
Construction	Nickel plated brass components	

Fitting instructions

- To comply with IP66/68 approvals, the fibre gasket must be installed on the mounting thread.
- Screw the gland body into the apparatus.
- Leave the inner seal in the gland body.
- Pass the gland nut, outer seal and gland sleeve over the cable before commencing to strip the outer sheath of the cable.
- Measure the length of tails required and add about 75mm to the outer sheath and armour to this point.
- Strip the outer sheath.
- Cut the armour wire to SWA exposed length.
- Pass the armour clamp over the armour.
- Pass the armour cone over the bedding and under the armour wires.
- Pass the bedding through the inner seal in the gland body.
Note: Unless this seal provides a push fit on the bedding the next size gland will be required. (The minimum dimension over the bedding is embossed on the sleeve of the gland for reference.) On glands over FLWN405 one or two seals are supplied with each gland, select the most suitable seal.
- Engage sleeve thread onto body thread and tighten securely.
- Slide outer seal and gland nut into position and engage nut thread onto sleeve thread.
- Tighten gland nut securely.

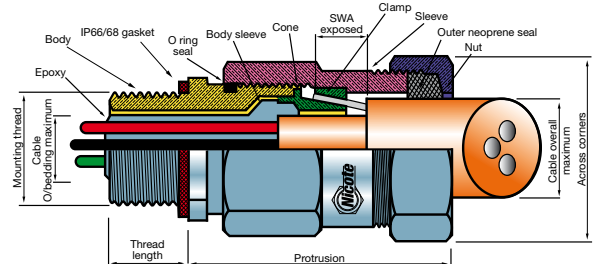
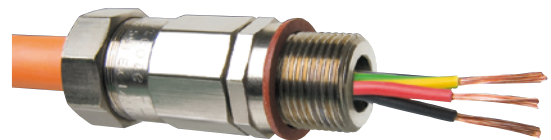
FLPWB cable gland

Barrier cable gland for steel wired armoured cable

Catalogue no.	Mounting thread (mm)		Cable acceptance details (mm)				Cable gland (mm)		SWA exposed (mm)	Inner carton pack quantity
	Size	Length	O/bedding	Overall diameter		SWA diameter	Across corners	Protrusion		
			Maximum	Minimum	Maximum					
FLPW203B	M20 x 1.5	15.80	9.75	12.50	15.50	0.90 - 1.25	27	54	11.5	14
FLPW206B	M20 x 1.5	15.80	13.75	15.00	20.00	0.90 - 1.25	33	54	11.5	14
FLPW256B	M25 x 1.5	19.00	18.75	19.50	26.00	1.25 - 1.60	41	56	11.5	10
FLPW326B	M32 x 1.5	25.40	26.50	25.50	34.00	1.60 - 2.00	5	64	13.5	6
FLPW405B	M40 x 1.5	25.40	32.75	33.50	41.50	1.60 - 2.00	61	72	15.5	2
FLPW503B	M50 x 1.5	28.60	38.50	41.00	49.00	2.00 - 2.50	76	88	17	2
FLPW505B	M50 x 1.5	28.60	44.45	48.50	55.50	2.00 - 2.50	87	88	17	2
FLPW635B	M63 x 1.5	28.60	52.40	55.00	63.50	2.50 - 3.15	102	96	19	1
FLPW636B	M63 x 1.5	28.60	56.25	63.00	68.00	2.50 - 3.15	102	96	19	1
FLPW754B	2.5" BSP	28.60	63.50	67.50	76.00	2.50 - 3.15	116	100	23	1
FLPW755B	2.5" BSP	28.60	66.70	75.50	79.40	2.50 - 3.15	116	100	23	1

Note: Product specifications may change at any time without notice

Applications	Indoor and outdoor use in hazardous areas	
Standards	IEC 60079 - 0:2004	IEC 60079 - 1:2007
	IEC 61241 - 0:2004	IEC 61241 - 1:2004
Function	Provides barrier epoxy seal to cable cores, armour clamp, and seal on outer sheath	
Protection class	ANZEx 11.2001X	IECEx SIM 11.0002X
	Ex d I/IIIC	Ingress of water
	IP66/68 (30m)	
Construction	Nickel plated brass components	



Fitting Instructions

- To comply with IP66/68 approvals, the fibre gasket must be installed on the mounting thread.
- Pass nut, seal and sleeve over the outer sheath of cable (where more than 1 seal is supplied, use the seal with the smallest clearance on the cable).
- Measure the length of cores required and strip the outer sheath and armour wires to the length shown in table 1.
- Remove the bedding and any fillers to the length shown in table 2.
- Slide the clamp over the armour wires and work the cone over the bedding and under the SWA.
- Locate the body onto the cores and hold hard against the face of the cone. Screw the sleeve onto the body and tighten, now tighten the nut onto the sleeve.
- Remove the body from the assembly.
- Prepare the epoxy putty. This is a 2 part pack and must be mixed in a ratio of 1 to 1 until the colour is even throughout, without any streaks. After mixing it remains pliable for at least 1 hour. (see *useable life for mixed epoxy* on right)
- Note:** The red epoxy component is affected by storage temperature. Please check to ensure this component is as pliable as the yellow component. It is recommended that the epoxy should be mixed and fitted only with the user wearing the disposable gloves supplied with every gland.
- Spread the conductors and apply to epoxy to the exposed centre of the conductors. Close the conductors and pack putty into the recess of the cone and down onto the top of the bedding material leaving a shoulder of putty to fill the sleeve cup. Continue folding putty round the conductors and working it well in between them, joining with that extruded from the core center avoiding any gaps or voids. Cover the conductors from the face of the cone to the length equal at least to the length of the sleeve.
- Assemble the sleeve over the epoxy until it fits into the cone. Remove any surplus epoxy.
- Reassemble the body, tighten and allow at least three hours for the epoxy to reach correct hardness.
- Remove the body, fit to the equipment the reassemble completed fitting.

Gland	Table 1 (mm)	Table 2 (mm)
FLPW203B	11.50	13.50
FLPW206B	11.50	13.50
FLPW256B	11.50	13.50
FLPW326B	13.50	15.50
FLPW405B	15.50	17.50
FLPW503B	17.00	17.50
FLPW505B	17.00	19.50
FLPW635B	19.00	21.00
FLPW636B	19.00	21.00
FLPW754B	23.00	25.00
FLPW755B	23.00	25.00

Useable life for mixed epoxy

This will depend upon the bulk mass and temperature. Approximate figures are:

25 grams wt	2 hours @ 25 °C
25 grams wt	3 hours @ 15 °C

Cure

This will depend upon the bulk mass and temperature. Approximate figures are:

25 grams wt	12 hours @ 25 °C
25 grams wt	24 hours @ 15 °C

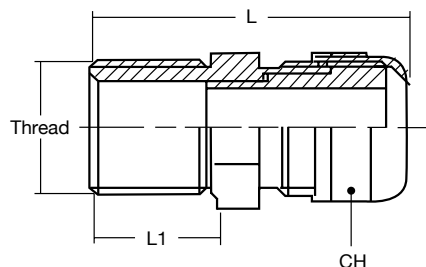
Mechanical properties of cured mix

Tensile strength BS6319	2 days min. 30MPa
Compressive strength BS6319	2 days min. 40MPa
Hardness	min 75 shore D
Specific gravity @ 20 °C	1.84 to 1.99

C2 cable gland

Flameproof cable gland for circular cable

Catalogue no.	Metric thread size	Cable gland dimensions (mm)			Sealing ring dimensions (mm)				Torque (Nm)		
		L	L1 minimum	CH (body/cap)	Minimum – maximum	S1+S2+S3	S1+S2	S1	S1+S2+S3	S1+S2	S1
Nickel plated brass											
EXN03MMC2	M16 x 1.5	40	16	22	4,0 - 12,0	4-6	6-9	9-12	20	18	15
EXN04MMC2	M20 x 1.5	40	16	22	4,0 - 12,0	4-6	6-9	9-12	20	18	15
EXN04MLC2	M20 x 1.5	45	16	28	10,0 - 16,0	10 - 12	12 - 14,5	14,5 - 16	24	22	18
EXN05MMC2	M25 x 1.5	40	16	28	10,0 - 18,0	10 - 12	12 - 14,5	14,5 - 18	25	22	18
EXN05MLC2	M25 x 1.5	50	16	35	14,0 - 20,0	14 - 17	17 - 20	–	26	22	–
EXN06MMC2	M32 x 1.5	43	16	35	14,0 - 24,0	14 - 17	17 - 20	20 - 24	28	23	20
EXN06MLC2	M32 x 1.5	53	16	45	22,0 - 28,0	22 - 24	24 - 27	27 - 28	45	40	35
EXN07MMC2	M40 x 1.5	45	18	45	22,0 - 32,0	22 - 24	24 - 27	27 - 32	56	50	45
EXN07MLC2	M40 x 1.5	55	18	50	26,0 - 34,0	26 - 28	28 - 31	31 - 34	57	55	52
EXN08MSC2	M50 x 1.5	46	18	55/50	26,0 - 35,0	26 - 28	28 - 31	31 - 35	57	55	52
EXN08MMC2	M50 x 1.5	63	18	64	35,0 - 44,0	35 - 38	38 - 41	41 - 44	190	155	140
EXN09MSC2	M63 x 1.5	53	18	68/64	35,0 - 45,0	35 - 38	38 - 41	41 - 45	190	155	140
EXN09MMC2	M63 x 1.5	62	18	75/80	46,0 - 56,0	46 - 48	48 - 52	52 - 56	160	145	135
EXN10MSC2	M75 x 1.5	64	20	80	46,0 - 62,0	46 - 51	51 - 57	57 - 62	185	175	150
EXN10MMC2	M75 x 1.5	75	20	95	60,0 - 70,0	60 - 63	63 - 69	69 - 70	123	118	107
EXN11MSC2	M90 x 1.5	75	20	95	60,0 - 70,0	60 - 63	63 - 69	69 - 70	123	118	107
EXN11MMC2	M90 x 1.5	77	20	105	75,0 - 85,0	75 - 79	79 - 82	82 - 85	135	130	125
EXN12MSC2	M100 x 1.5	77	20	105	75,0 - 85,0	75 - 79	79 - 82	82 - 85	135	130	125
EXN12MMC2	M110 x 1.5	77	20	115	85,0 - 95,0	85 - 89	89 - 92	92 - 95	180	175	170



Approved to:	IEC EN 60079-0, 60079-1, 60079-7, 60079-31
EC type examination certificate to:	CESI 13 ATEX 041X, IECEx CES 13.0014X
	Ex d IIC Gb
	Ex e IIC Gb
	Ex tb IIIC Db
Safe operating temperature range:	-40°C to +100°C
IP test	IP66-68 (5-bar 30mins)

Note:

- NPT thread versions also available from 3/8" to 4" sizes. Please contact sales office for more information.
- * For brass version, remove N to the reference, eg. EX03MMC2 for metric / EX03AMC2 for NPT
- ** For stainless steel version, add S to the reference, eg. EXS03MMC2 for metric / EXS03AMC2 for NPT
- *** To purchase cable glands with locknuts, shrouds, earth tags and washers where appropriate add a K to the end of the part number, eg. EX03MMC2K

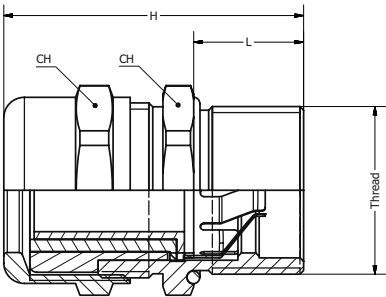
C6 cable gland

EMC shielding cable glands for circular cable

Features

- Suitable for use with EMC/shielded cables
- Ex d and Ex e
- Available in brass, nickel plated brass and stainless steel 316
- Large cable range within one product with removeable seals

Catalogue no.	Metric thread size	Cable gland dimensions (mm)			Sealing ring dimensions (mm)				Torque (Nm)		
		L	L1 minimum	CH (body/cap)	Minimum – maximum	S1+S2+S3	S1+S2	S1	S1+S2+S3	S1+S2	S1
Nickel plated brass											
EXN03MSC6	M16 x 1.5	44.5	16	20	4-8	–	4-6	6-8	–	25	18
EXN03MMC6	M16 x 1.5	44.5	16	22	4-8	–	4-6	6-8	20	18	15
EXN04MMC6	M20 x 1.5	44.5	18	22	4-12	4-6	6-9	9-12	20	18	15
EXN05MMC6	M25 x 1.5	46	16	28	10-18	10-12	12-14.5	14.5-18	25	22	18
EXN06MMC6	M32 x 1.5	52	19	35	14-24	14-17	17-20	20-24	25	20	18
EXN07MMC6	M40 x 1.5	61	20	45	22-32	22-24	24-27	27-32	56	50	45
EXN08MMC6	M50 x 1.5	63.5	20	55/50	26-35	26-28	28-31	31-35	57	55	52



Approved to:	IEC EN60079-0, 60079-1, 60079-7, 60079-31
EC type examination certificate to:	CESI 13 ATEX 041X, IECEx CES 13.0014X
	Ex d IIC Gb
	Ex e IIC Gb
	Ex tb IIIC Db
Safe operating temperature range:	-40°C to +100°C
IP test	IP66-68

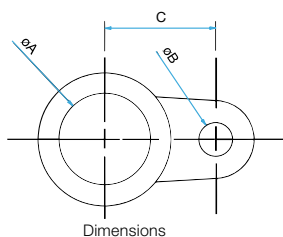
Note:

- NPT thread versions also available from 3/8" to 1 1/2 " sizes. Please contact sales office for more information.
- * For brass version, remove N to the reference, eg. EX03MMC6 for metric / EX03AMC6 for NPT
- ** For stainless steel version, add S to the reference, eg. EXS03MMC6 for metric / EXS03AMC6 for NPT
- *** To purchase cable glands with locknuts, shrouds, earth tags and washers where appropriate add a K to the end of the part number, eg. EX03ASC6K

Cable gland accessories



Earth tag

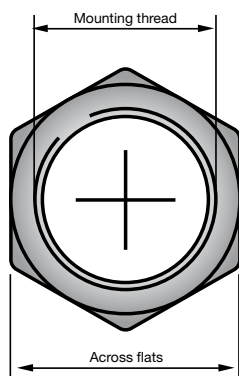


Dimensions

Earth tags

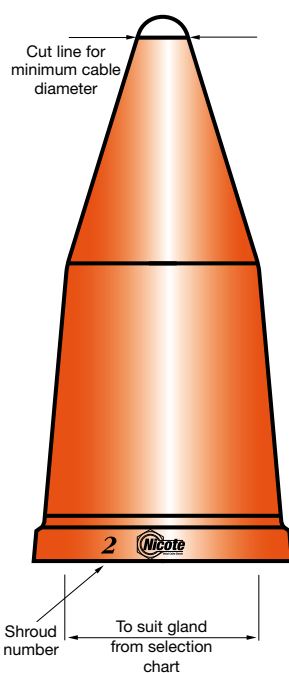
Earth tag - metric / materials: nickel plated brass

Catalogue no.	Diameter (mm)		
	A	B	C
EXN /M16/TAG	16.2 / 16.5	6.5 / 7.0	28.0 / 28.5
EXN /M20/TAG	20.2 / 20.5	6.5 / 7.0	28.0 / 28.5
EXN /M25/TAG	25.2 / 25.7	6.1 / 6.6	30.5 / 31.0
EXN /M32/TAG	32.2 / 32.8	12.2 / 12.7	40.0 / 40.5
EXN /M40/TAG	40.2 / 40.7	13.0 / 13.5	45.0 / 45.5
EXN /M50/TAG	51.0 / 51.5	13.0 / 13.5	58.0 / 58.5
EXN /M63/TAG	63.7 / 64.2	13.0 / 13.5	65.0 / 65.5
EXN /M75/TAG	76.4 / 76.9	13.0 / 13.5	75.5 / 76.0



Locknuts

Catalogue no.	Mounting thread	Across flats hexagon (mm)	Inner carton pack quantity
L12	1/2" x 26 TPI	16	100
LNB-16	M16 x 1.5	20.7	100
LNB-20	M20 x 1.5	27	100
LNB-25	M25 x 1.5	31.6	100
LNB-32	M32 x 1.5	40	100
LNB-40	M40 x 1.5	48.2	40
LNB-50	M50 x 1.5	57.3	25
LNB-63	M63 x 1.5	82	20



Shrouds

Shroud size	Cable gland				
	UN	GN	WGN	FLWN	FLPWB
S0	UN20A UN20B	GN204 GN206 GN254	WGN162 WGN164 WGN202		
S1	UN25A	GN256	WGN203 WGN204	FLWN202 FLWN203 FLWN204	FLPW203B
S2	UN32A		WGN206 WGN254	FLWN205 FLWN206	FLPW206B
S3		GN324 GN326	WGN256	FLWN253 FLWN254	
S4	UN40A			FLWN255 FLWN256	FLPW256B
S5	UN40B UN50A	GN405	WGN324 WGN326	FLWN323 FLWN324 FLWN325 FLWN326	FLPW326B
S6	UN50B UN63A	GN503 GN505	WGN403 WGN404 WGN405	FLWN403 FLWN404 FLWN405	FLPW405B
S7	UN63B	GN636	WGN502 WGN503		FLPW503B

Note:

- Suffix -BLK for black and -ORG for orange
- All glands come with gaskets but replacements available for purchase on request

Contact us

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