Material overview table

Products	Nickel-plated brass	PA	TPE	CR
Description	CuZn39Pb3, Copper/zinc alloy Surface galvanically nickel-plated	Polyamide PA6	Thermoplastic elastomer	Chloroprene rubber
Colour		As per catalogue	Black	Black
Corrosive properties Chem. resistance	Good resistance in dry atmospheres, fresh water, steam, mineral oils, fuels, coolants / lubricants and various organic emulsions	Resistant to diluted organic acids, lyes, aqueous solutions of inorganic salts, mineral oils, fuels, cooling/cutting oils	Resistant to diluted acids and lyes, aqueous solutions of inorganic salts.	Resistant to diluted acids and lyes, aqueous solutions of inorganic salts, mineral oils, cooling/cutting oils
Limited or no resistance to	Sea water, brackish water, damp atmospheres, acids, lyes, chlorides, ammonia	Mineral acids, concentrated organic acids, formic acid, phenols, halogens	Concentrated acids and lyes, solvents, fuels, mineral/ cooling/cutting oils	Concentrated acids and lyes, fuels, solvents, hot water, ozone
Weather-resistant	Good weather and ageing resistance	Good weather resistance	Good weather, ozone and ageing resistance	Good weather resistance
Constant thermal values	-40 °C / +200 °C	-30 °C / +100 °C	-40 °C / +100 °C	-30 °C / +100 °C
Combustibility	Not combustible	UL 94 V-2, halogen-free	Comparable UL 94 HB, halogen-free	Comparable UL 94 V-2

Protection class IP 68 / 54

Degree of protection for contact/foreign body protection	**5**	Complete contact protection. Protection against harmful dust deposits — penetration of dust is not completely prevented.	
	6	Complete contact protection. Protection against dust penetration.	

Degree of protection for water protection	**4**	Protection against splash water from all directions.
	8	Protection against submersion in water at increased pressure for an unspecified time.

Would you like more information?

Our full range of cable glands includes the products shown here as well as an extensive and high-quality selection of industrial cable glands such as those with special sealing inserts and entry threads or EMC cable glands for screened cables and Ex cable glands for explosion-protected devices. You will find further information about our range for electrical installation in the current **KAISER** catalogue. Full information about cable glands is contained in our special **AGRO** cable gland catalogue.

Information on the Internet/technical advice

You will find further detailed product information about the **AGRO** cable gland on our product website: www.**AGRO**Verschraubung.de. Illustrations of all 3D models available.

Technical hotline: *Telephone: +49 (0)2355.809.119*
*Email: technik@**AGRO**Verschraubung.de*

Image sources: KAISER archive / headlineWerbeagentur.de

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KAISER
The basis for good installation

Syntec® cable gland. The best for cables.

The professional range for sound electrical installation.

ka060908

KAISER
The basis for good installation

Syntec® cable gland.

Syntec® cable glands made from plastic or nickel-plated brass are the perfect solution for your daily installation tasks. The patented, unique lamellar technology and the secure and user-friendly screwdown nuts with snap-in pins guarantee cable entries suited to the specific use at all times with outstanding strain relief.

Short or long thread.
Quality cable glands with a short or long metrical thread for secure fastening with thread or counter nut.

Audible reliability in synthetic material.
The snap-in pins on the over-tightening-protected screwdown nuts give an audible "click" that guarantees the cable will be free from vibration and shaking.

Patented lamellar technology.
The AGRO-developed lamellar geometry with movable jointed lamellar support the insertion of varying diameters into the Syntec® cable gland and ensure outstanding strain relief and distortion protection.

Large spanner flats.
The large hexagonal element of the screw-down nuts ensures consistently reliable and secure hold when turning by hand and tightening with the tool.

Guaranteed density.
The elastic sealing rings with good chemical resistance provide a reliable seal, are particularly durable and offer guaranteed protection to protection class IP 68.

Syntec® product overview, synthetic/nickel-plated brass.

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Syntec® synthetic cable gland.

	Short entry thread		Long entry thread		Counter nut	Locking screw	Reduction	Extender	Adapter		Sealing washer
	Standard one-piece sealing ring	With one-piece reducing sealing ring	Standard one-piece sealing ring	With one-piece reducing sealing ring	Metric	Metric	Hexagonal element Metric -> Metric	Metric -> Metric	Hexagonal element Pg -> Metric	Hexagonal element Pg -> Metric	Metric (1)
M12	●	—	●	—	○	●	●	●	●	●	○
M16	●	●	●	●	○	●	● (2)	●	● (2)	● (2)	○
M20	●	●	●	●	○	●	● (2)	●	● (2)	● (2)	○
M25	●	●	●	●	○	●	● (2)	●	●	● (2)	○
M32	●	—	●	—	○	●	● (2)	●	●	●	○
M40	●	—	●	—	○	●	● (2)	●	●	●	○
M50	●	—	●	—	○	●	● (2)	●	—	●	○
M63	●	—	●	—	○	●	● (2)	—	—	●	○

(2) available in multiple sizes

(1) also available in Pg

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Syntec® nickel-plated brass cable gland.

	Short entry thread		Long entry thread		Counter nut	Locking screw	Reduction	Extender	Adapter		Sealing washer
	Standard one-piece sealing ring	With one-piece reducing sealing ring	Standard one-piece sealing ring	With one-piece reducing sealing ring	Metric	Metric	Knurled Metric -> Metric	Metric-> Metric	Knurled Pg -> Metric	Circular Pg -> Metric	Metric (1)
M12	●	●	●	●	○	●	●	●	—	●	○
M16	●	●	●	●	○	●	●	●	●	●	○
M20	●	●	●	●	○	●	● (2)	●	●	●	○
M25	●	●	●	●	○	●	● (2)	●	●	●	○
M32	●	●	●	●	○	●	● (2)	●	●	●	○
M40	●	●	●	●	○	●	● (2)	●	●	●	○
M50	●	●	●	●	○	●	● (2)	●	—	—	○
M63	●	●	● (3)	●	○	●	● (2)	—	—	—	○

(3) available in two sizes

(2) available in multiple sizes

(1) also available in Pg

Syntec® synthetic cable gland.

Syntec® nickel-plated brass cable gland.

Nickel-plated brass accessories.

halogen-free · IP54 · IP68 with sealing washer

Counter nut, metric, with flange

Thread, metric

G	s	M	Art. no.	Packing, int.
	mm	mm		
M12x1.5	15	3.0	**8000.12**	100
M16x1.5	19	3.0	**8000.17**	100
M20x1.5	24	3.5	**8000.20**	100
M25x1.5	30	4.0	**8000.25**	50
M32x1.5	36	4.0	**8000.32**	25
M40x1.5	46	5.0	**8000.40**	25
M50x1.5	55	5.5	**8000.50**	10
M63x1.5	70	6.0	**8000.63**	10

Locking screw, metric

Short entry thread metric,
without O-ring

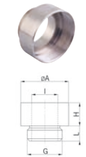
G	s	H	L	Art. no.	Packing, int.
	mm	mm	mm		
M12x1.5	14	2.5	5	**8745.12**	100
M16x1.5	18	2.5	5	**8745.17**	100
M20x1.5	22	2.5	6	**8745.20**	100
M25x1.5	27	3.0	7	**8745.25**	50
M32x1.5	34	3.5	8	**8745.32**	25
M40x1.5	42	4.0	8	**8745.40**	25
M50x1.5	52	4.0	9	**8745.50**	10
M63x1.5	65	4.0	10	**8745.63**	10

Reduction, circular design, knurled

External thread, metric; internal thread, metric
without O-ring

G	l	ØA	H	L	Art. no.	Packing, int.
		mm	mm	mm		
M16x1.5	M12x1.5	18	3.0	7	**3545.17.12**	100
M20x1.5	M12x1.5	22	3.0	8	**3545.20.12**	100
M20x1.5	M16x1.5	22	3.0	8	**3545.20.17**	100
M25x1.5	M16x1.5	27	3.0	8	**3545.25.17**	50
M25x1.5	M20x1.5	27	3.0	8	**3545.25.20**	50
M32x1.5	M20x1.5	34	4.0	9	**3545.32.20**	50
M32x1.5	M25x1.5	34	4.0	9	**3545.32.25**	50
M40x1.5	M25x1.5	42	4.5	9	**3545.40.25**	50
M40x1.5	M32x1.5	42	4.5	9	**3545.40.32**	25
M50x1.5	M32x1.5	52	4.5	10	**3545.50.32**	25
M50x1.5	M40x1.5	52	4.5	10	**3545.50.40**	10
M63x1.5	M40x1.5	65	5.0	11	**3545.63.40**	10
M63x1.5	M50x1.5	65	5.0	11	**3545.63.50**	10

Extender, circular design



External thread, metric; internal thread, metric
without O-ring

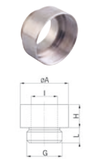
G	l	ØA	H	L	Art. no.	Packing, int.
		mm	mm	mm		
M12x1.5	M16x1.5	19	9.5	6.5	**3645.12.17**	100
M16x1.5	M20x1.5	22	10.5	7.0	**3645.17.20**	100
M20x1.5	M25x1.5	27	11.0	8.0	**3645.20.25**	100
M25x1.5	M32x1.5	34	12.0	8.0	**3645.25.32**	50
M32x1.5	M40x1.5	42	12.0	9.0	**3645.32.40**	50
M40x1.5	M50x1.5	53	14.0	9.0	**3645.40.50**	25
M50x1.5	M63x1.5	66	19.0	10.0	**3645.50.63**	25

Adapter, Pg/metric, circular design, knurled

External thread, Pg; internal thread, metric
without O-ring

G	l	ØA	H	L	Art. no.	Packing, int.
		mm	mm	mm		
Pg 11	M16x1.5	20	10	6.0	**3545.11.17**	50
Pg 16	M20x1.5	24	11	6.0	**3545.16.20**	50
Pg 21	M20x1.5	30	3.5	7.5	**3545.21.20**	50
Pg 21	M25x1.5	30	11	7.5	**3545.21.25**	50
Pg 29	M25x1.5	39	4	8.0	**3545.29.25**	25
Pg 29	M32x1.5	39	4	8.0	**3545.29.32**	25
Pg 36	M40x1.5	50	4.5	8.0	**3545.36.40**	10

Adapter, Pg/metric, circular design



External thread, Pg; internal thread, metric
without O-ring

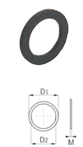
G	l	ØA	H	L	Art. no.	Packing, int.
		mm	mm	mm		
Pg 7	M12x1.5	14	9.0	6.0	**3645.07.12**	100
Pg 9	M16x1.5	19	9.5	6.0	**3645.09.17**	50
Pg 11	M20x1.5	22	11.0	6.0	**3645.11.20**	50
Pg 13	M20x1.5	22	11.0	6.0	**3645.13.20**	50
Pg 16	M25x1.5	27	11.0	6.0	**3645.16.25**	50
Pg 21	M32x1.5	34	12.0	7.5	**3645.21.32**	50
Pg 29	M40x1.5	42	12.0	8.0	**3645.29.40**	10

Sealing washer, metric

for entry thread, metric

G	D1	D2	M	Art. no.	Packing, int.
	mm	mm	mm		
M12	20	12	1.6	**1012.45.16**	50
M16	23	16	1.8	**1017.45.16**	50
M20	29	20	1.8	**1020.45.16**	50
M25	37	25	1.8	**1025.45.16**	50
M32	44	32	2.2	**1032.45.16**	25
M40	52	40	2.2	**1040.45.16**	25
M50	64	50	2.7	**1050.45.16**	25
M63	68	63	3.2	**1063.45.16**	10

Sealing washer, Pg



for entry thread, Pg

G	D1	D2	M	Art. no.	Packing, int.
	mm	mm	mm		
Pg 7	16.0	11.5	2.0	**1007.45.16**	50
Pg 9	19.0	14.0	2.0	**1009.45.16**	50
Pg 11	22.5	18.5	2.0	**1011.45.16**	50
Pg 13	25.0	19.0	2.0	**1013.45.16**	50
Pg 16	27.0	21.0	2.0	**1016.45.16**	25
Pg 21	34.0	27.0	2.5	**1021.45.16**	25
Pg 29	43.0	35.0	2.5	**1029.45.16**	25
Pg 36	54.0	45.0	2.5	**1036.45.16**	25

Further information on KAISER products as well as on KAISER AGRO cable glands can be obtained from our website or directly from KAISER. Technical advice — Telephone: +49 (0)2355.809.119

KAISER

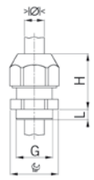
Syntec® synthetic cable gland.

Material: Polyamide PA 6
Sealing ring: TPE or CR (neoprene)
Tested in accordance with: EN 50262
Temperature range: -30°C/+100°C
Protection class: IP68

G	Thread type and size
I	Internal thread
⌀ mm	Clamping range in mm
mm	Spanner size for assembly tool
H mm	Total height in mm
L mm	Length in mm
M mm	Material thickness
D1 / D2 mm	External / internal diameter

halogen-free · IP68 · DVE · c UL us

Syntec® cable gland. Short entry thread metric



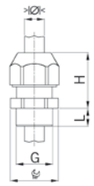
One-piece sealing ring

G	⌀ mm	mm	H mm	L mm	Light grey RAL 7035 Art. no.	Dark grey RAL 7001 Art. no.	Black RAL 9005 Art. no.	Packaging, interior
M12x1.5	2.5-6.5	15	21	6	**1555.12.06**	**1556.12.06**	**1545.12.06**	100
M16x1.5	4.5-10.0	19	25	8	**1555.17.10**	**1556.17.10**	**1545.17.10**	50
M20x1.5	7.0-13.0	24	29	9	**1555.20.13**	**1556.20.13**	**1545.20.13**	50
M25x1.5	10.0-17.0	29	38	10	**1555.25.17**	**1556.25.17**	**1545.25.17**	25
M32x1.5	17.0-25.0	42	36	10	**1555.32.25**	**1556.32.25**	**1545.32.25**	20
M40x1.5	22.0-33.0	53	48	15	**1555.40.1.33**	**1556.40.1.33**	**1545.40.1.33**	10
M50x1.5	28.0-38.0	60	48	15	**1555.50.1.38**	**1556.50.1.38**	**1545.50.1.38**	5
M63x1.5	32.0-44.0	65	49	16	**1555.63.1.44**	**1556.63.1.44**	**1545.63.1.44**	5

With reducing sealing ring

G	⌀ mm	mm	H mm	L mm	Light grey RAL 7035 Art. no.	Dark grey RAL 7001 Art. no.	Black RAL 9005 Art. no.	Packaging, interior
M16x1.5	2.0-6.0	19	25	8	**1555.17.06**	**1556.17.06**	**1545.17.06**	50
M20x1.5	3.5-8.0	24	29	9	**1555.20.08**	**1556.20.08**	**1545.20.08**	50
M25x1.5	5.0-11.0	29	38	10	**1555.25.11**	**1556.25.11**	**1545.25.11**	25

Syntec® cable gland. Long entry thread metric



One-piece sealing ring

G	⌀ mm	mm	H mm	L mm	Light grey RAL 7035 Art. no.	Dark grey RAL 7001 Art. no.	Black RAL 9005 Art. no.	Packaging, interior
M12x1.5	2.5-6.5	15	21	12	**1555.12.1.06**	**1556.12.1.06**	**1545.12.1.06**	100
M16x1.5	4.5-10.0	19	25	15	**1555.17.1.10**	**1556.17.1.10**	**1545.17.1.10**	50
M20x1.5	7.0-13.0	24	29	15	**1555.20.1.13**	**1556.20.1.13**	**1545.20.1.13**	50
M25x1.5	10.0-17.0	29	38	15	**1555.25.1.17**	**1556.25.1.17**	**1545.25.1.17**	25
M32x1.5	17.0-25.0	42	36	15	**1555.32.1.25**	**1556.32.1.25**	**1545.32.1.25**	20
M40x1.5	22.0-33.0	53	48	15	**1555.40.1.33**	**1556.40.1.33**	**1545.40.1.33**	10
M50x1.5	28.0-38.0	60	48	15	**1555.50.1.38**	**1556.50.1.38**	**1545.50.1.38**	5
M63x1.5	32.0-44.0	65	49	16	**1555.63.1.44**	**1556.63.1.44**	**1545.63.1.44**	5

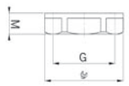
With reducing sealing ring

G	⌀ mm	mm	H mm	L mm	Light grey RAL 7035 Art. no.	Dark grey RAL 7001 Art. no.	Black RAL 9005 Art. no.	Packaging, interior
M16x1.5	2.0-6.0	19	25	15	**1555.17.1.06**	**1556.17.1.06**	**1545.17.1.06**	50
M20x1.5	3.5-8.0	24	29	15	**1555.20.1.08**	**1556.20.1.08**	**1545.20.1.08**	50
M25x1.5	5.0-11.0	29	38	15	**1555.25.1.11**	**1556.25.1.11**	**1545.25.1.11**	25

Synthetic accessories.

halogen-free · IP54 · IP68 with sealing washer

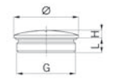
Counter nut, metric, with flange



Thread, metric

G	mm	M mm	Light grey RAL 7035 Art. no.	Black RAL 9005 Art. no.	Packing, int.
M12x1.5	17	5.0	**8255.12**	**8245.12**	100
M16x1.5	22	5.0	**8255.17**	**8245.17**	100
M20x1.5	27	6.0	**8255.20**	**8245.20**	100
M25x1.5	33	6.7	**8255.25**	**8245.25**	100
M32x1.5	42	7.9	**8255.32**	**8245.32**	50
M40x1.5	48	8.4	**8255.40**	**8245.40**	50
M50x1.5	59	9.9	**8255.50**	**8245.50**	10
M63x1.5	73	11.0	**8255.63**	**8245.63**	10

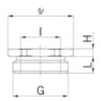
Locking screw, metric



Entry thread, metric

G	⌀A mm	H mm	L mm	Light grey RAL 7035 Art. no.	Black RAL 9005 Art. no.	Packing, int.
M12x1.5	15	4.5	6	**8855.12**	**8845.12**	100
M16x1.5	20	4.5	6	**8855.17**	**8845.17**	100
M20x1.5	24	4.5	6	**8855.20**	**8845.20**	100
M25x1.5	30	5.0	8	**8855.25**	**8845.25**	100
M32x1.5	37	5.5	8	**8855.32**	**8845.32**	50
M40x1.5	46	6.0	8	**8855.40**	**8845.40**	50
M50x1.5	56	6.0	10	**8855.50**	**8845.50**	10
M63x1.5	70	6.0	12	**8855.63**	**8845.63**	10

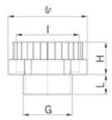
Reduction, metric, with hexagonal element



External thread, metric; internal thread, metric, light grey RAL 7035

G	I	mm	H mm	L mm	Art. no.	Packing, int.
M16x1.5	M12x1.5	22	4	8	**3455.17.12**	100
M20x1.5	M12x1.5	24	4	8	**3455.20.12**	100
M20x1.5	M16x1.5	24	4	8	**3455.20.17**	100
M25x1.5	M12x1.5	29	6	8	**3455.25.12**	100
M25x1.5	M16x1.5	29	6	8	**3455.25.17**	100
M25x1.5	M20x1.5	29	6	8	**3455.25.20**	100
M32x1.5	M12x1.5	36	6	10	**3455.32.12**	50
M32x1.5	M16x1.5	36	6	10	**3455.32.17**	50
M32x1.5	M20x1.5	36	6	10	**3455.32.20**	50
M32x1.5	M25x1.5	36	6	10	**3455.32.25**	50
M40x1.5	M16x1.5	46	6	10	**3455.40.17**	50
M40x1.5	M20x1.5	46	6	10	**3455.40.20**	50
M40x1.5	M25x1.5	46	6	10	**3455.40.25**	25
M40x1.5	M32x1.5	46	6	10	**3455.40.32**	25
M50x1.5	M20x1.5	55	6	12	**3455.50.20**	5
M50x1.5	M25x1.5	55	6	12	**3455.50.25**	5
M50x1.5	M32x1.5	55	6	12	**3455.50.32**	5
M50x1.5	M40x1.5	55	6	12	**3455.50.40**	5
M63x1.5	M25x1.5	68	6	12	**3455.63.25**	5
M63x1.5	M32x1.5	68	6	12	**3455.63.32**	5
M63x1.5	M40x1.5	68	6	12	**3455.63.40**	5
M63x1.5	M50x1.5	68	6	12	**3455.63.50**	5

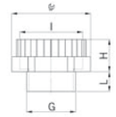
Extender, metric, circular with hexagonal element



External thread, metric; internal thread, metric, light grey RAL 7035

G	I	mm	H mm	L mm	Art. no.	Packing, int.
M12x1.5	M16x1.5	20	13	8	**3755.12.17**	100
M16x1.5	M20x1.5	24	13	8	**3755.17.20**	100
M20x1.5	M25x1.5	29	13	8	**3755.20.25**	100
M25x1.5	M32x1.5	36	15	8	**3755.25.32**	50
M32x1.5	M40x1.5	46	15	10	**3755.32.40**	25
M40x1.5	M50x1.5	55	15	10	**3755.40.50**	10
M50x1.5	M63x1.5	68	15	10	**3755.50.63**	10

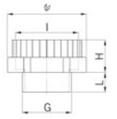
Adapter, Pg/metric, circular with hexagonal element



External thread, Pg; internal thread, metric, light grey RAL 7035

G	I	mm	H mm	L mm	Art. no.	Packing, int.
Pg 9	M12x1.5	19	12	8	**3455.09.12**	100
Pg 11	M16x1.5	22	12	8	**3455.11.17**	100
Pg 13	M16x1.5	24	13	9	**3455.13.17**	100
Pg 13	M20x1.5	24	13	9	**3455.13.20**	100
Pg 16	M20x1.5	27	13	10	**3455.16.20**	50
Pg 21	M25x1.5	33	14	11	**3455.21.25**	50
Pg 29	M32x1.5	42	14	11	**3455.29.32**	50
Pg 36	M40x1.5	55	14	11	**3455.36.40**	25

Adapter, Pg/metric, circular with hexagonal element



External thread, Pg; internal thread, metric, light grey RAL 7035

G	I	mm	H mm	L mm	Art. no.	Packing, int.
Pg 7	M12x1.5	15	12	8	**3755.07.12**	100
Pg 7	M16x1.5	20	12	8	**3755.07.17**	100
Pg 9	M16x1.5	20	12	8	**3755.09.17**	100
Pg 9	M20x1.5	24	12	8	**3755.09.20**	100
Pg 11	M20x1.5	24	12	8	**3755.11.20**	100
Pg 13	M25x1.5	30	13	9	**3755.13.25**	100
Pg 16	M25x1.5	30	13	10	**3755.16.25**	50
Pg 21	M32x1.5	37	14	11	**3755.21.32**	50
Pg 29	M40x1.5	45	14	11	**3755.29.40**	50
Pg 42	M50x1.5	55	17	11	**3755.42.50**	10
Pg 48	M63x1.5	68	17	11	**3755.48.63**	5

Sealing washer, metric

for entry thread, metric

G	D1 mm	D2 mm	M mm	Art. no.	Packing, int.
M12	20	12	1.6	**1012.45.16**	50
M16	23	16	1.8	**1017.45.16**	50
M20	29	20	1.8	**1020.45.16**	50
M25	37	25	1.8	**1025.45.16**	50
M32	44	32	2.2	**1032.45.16**	25
M40	52	40	2.2	**1040.45.16**	25
M50	64	50	2.7	**1050.45.16**	25
M63	68	63	3.2	**1063.45.16**	10

Sealing washer, Pg

for entry thread, Pg

G	D1 mm	D2 mm	M mm	Art. no.	Packing, int.
Pg 7	16.0	11.5	2.0	**1007.45.16**	50
Pg 9	19.0	14.0	2.0	**1009.45.16**	50
Pg 11	22.5	18.5	2.0	**1011.45.16**	50
Pg 13	25.0	19.0	2.0	**1013.45.16**	50
Pg 16	27.0	21.0	2.0	**1016.45.16**	25
Pg 21	34.0	27.0	2.5	**1021.45.16**	25
Pg 29	43.0	35.0	2.5	**1029.45.16**	25
Pg 36	54.0	45.0	2.5	**1036.45.16**	25

Further information on KAISER products as well as on KAISER AGRO cable glands can be obtained from our website or directly from KAISER. Technical advice — Telephone: +49 (0)2355.809.119

KAISER

Syntec® nickel-plated brass cable gland.

Material:	Nickel-plated brass
Sealing ring:	TPE
O-ring:	NBR
Lamellar insert:	Polyamide PA 6
Tested in accordance with:	EN 50262
Temperature range:	-40°C/+100°C
Protection class:	IP68

G	Thread type and size
I	Internal thread
⌀ mm	Clamping range in mm
SW mm	Spanner size for assembly tool
H mm	Total height in mm
L mm	Length in mm
⌀A mm	External diameter of part
M mm	Material thickness
D1 / D2 mm / mm	External / internal diameter

halogen-free · IP68 · DVE · c UL us

Syntec® cable gland. Short entry thread metric.

One-piece sealing ring; not insulated over whole length

G	⌀ mm	SW mm	H mm	L mm	Art. no.	Packaging, interior
M12x1.5	3.0-7.0	15	17	5	**1045.12.070**	50
M16x1.5	4.5-10.0	18	20	5	**1045.17.100**	50
M20x1.5	7.0-13.0	22	25	6	**1045.20.130**	50
M25x1.5	10.0-17.0	28	31	7	**1045.25.170**	25
M32x1.5	13.0-21.0	36	33	8	**1045.32.210**	25
M40x1.5	19.0-28.0	46	40	8	**1045.40.280**	10
M50x1.5	25.0-35.0	55	40	9	**1045.50.350**	5
M63x1.5	35.0-48.0	70	43	10	**1045.63.480**	5

With reducing sealing ring; not insulated over whole length

G	⌀ mm	SW mm	H mm	L mm	Art. no.	Packaging, interior
M12x1.5	1.0-5.0	15	17	5	**1045.12.050**	50
M16x1.5	2.0-6.0	18	20	5	**1045.17.060**	50
M20x1.5	3.5-8.0	22	25	6	**1045.20.080**	50
M25x1.5	5.0-11.0	28	31	7	**1045.25.110**	25
M32x1.5	7.0-15.0	36	33	8	**1045.32.150**	25
M40x1.5	15.0-23.0	46	40	8	**1045.40.230**	10
M50x1.5	20.0-29.0	55	40	9	**1045.50.290**	5
M63x1.5	28.0-39.0	70	43	10	**1045.63.390**	5

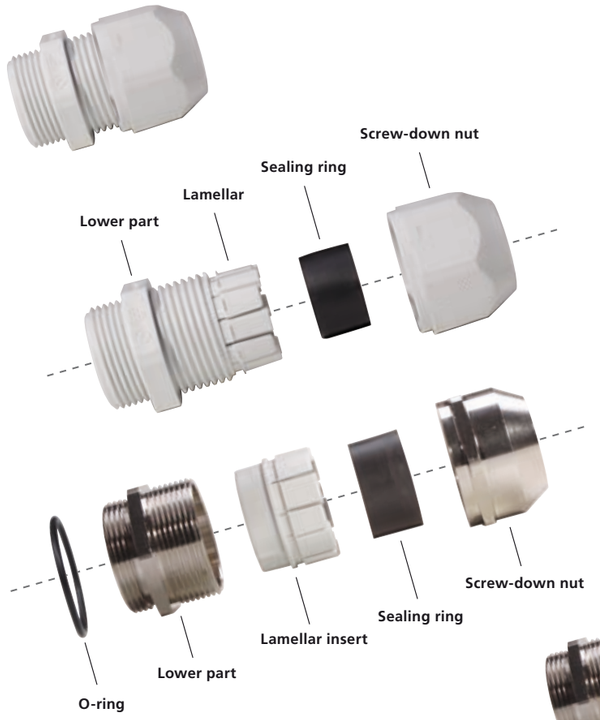
Syntec® cable gland. Long entry thread metric.

One-piece sealing ring; not insulated over whole length

G	⌀ mm	SW mm	H mm	L mm	Art. no.	Packaging, interior
M12x1.5	3.0-7.0	15	17	12	**1145.12.070**	50
M16x1.5	4.5-10.0	18	20	12	**1145.17.100**	50
M20x1.5	7.0-13.0	22	25	12	**1145.20.130**	50
M25x1.5	10.0-17.0	28	31	12	**1145.25.170**	25
M32x1.5	13.0-21.0	36	33	15	**1145.32.210**	25
M40x1.5	19.0-28.0	46	40	15	**1145.40.280**	10
M50x1.5	25.0-35.0	55	40	15	**1145.50.350**	5
M63x1.5	35.0-48.0	70	43	15	**1145.63.480**	5
M63x1.5	44.0-55.0	80	43	15	**1145.63.550**	5

With reducing sealing ring; not insulated over whole length

G	⌀ mm	SW mm	H mm	L mm	Art. no.	Packaging, interior
M12x1.5	1.0-5.0	15	17	12	**1145.12.050**	50
M16x1.5	2.0-6.0	18	20	12	**1145.17.060**	50
M20x1.5	3.5-8.0	22	25	12	**1145.20.080**	50
M25x1.5	5.0-11.0	28	31	12	**1145.25.110**	25
M32x1.5	7.0-15.0	36	33	15	**1145.32.150**	25
M40x1.5	15.0-23.0	46	40	15	**1145.40.230**	10
M50x1.5	20.0-29.0	55	40	15	**1145.50.290**	5
M63x1.5	28.0-39.0	70	43	15	**1145.63.390**	5



Syntec® cable gland. Professional quality for daily installation.

- 8 sizes and extensive range of accessories
- With short and long entry thread
- Standard and/or reducing sealing ring
- With CR/TPE sealing ring with good chemical resistance
- Outstanding strain relief plus distortion protection
- High chemical resistance
- Protection class IP 68
- Tested in accordance with DIN EN 50 262
- Seal at housing via injection-formworked sealing area

Synthetic:

- Made from high-quality, weather-resistant polyamide
- Available in three colours (light grey, dark grey, black)

Nickel-plated brass:

- Lamellar insert made from high-quality polyamide

AGRO cable glands. The best for cables.

AGRO synthetic or nickel-plated brass cable glands are synonymous with optimum quality and total compatibility with practical use. The full range includes cable glands for daily electrical installation as well as special products such as EMC or Ex cable glands, angular cable glands, flanged elbows, connecting elbows, universal cable infeeds, plus accessories and everything you need for professional cable entry.

The practical product range offers the perfect product or a customised solution for almost any task. Just give us a call.

High quality requirements ensure products live up to your and our expectations. Our quality management processes and ISO-certified production workflow guarantee constant product quality even over long production periods; with our modern testing laboratory and other individual tests monitoring the situation constantly.

The innovative lamellar technology is the result of continuous in-house research and development work. We continuously optimise our products in order to meet market demand, which results in a steady stream of innovative solutions for trade and industry.