

SGP Series Cable Gland For use in Hazardous Locations

For all types of non-armored cable
Non-metallic material, polyamide



Features

- > Wide cable outer connection diameters
- > Integrated sealing lip on thread
- > Low torque required for tightening
- > High flame retardant property, UV resistance
- > Metric thread (M16x1.5 - M63x1.5) and NPT thread (NPT3/8" - NPT2")
- > Ingress protection: standard IP66, optional IP68 with special sealing
- > Operating Temperature: -40 °C ~ +100 °C

Standard Material

- > Polyamide, black (optional grey white)

Kit Accessories Options

K0: no accessories

K1: with locknut and seal washer



Locknut



Seal washer

Standards

EN Standard-ATEX

II 2 G Ex eb IIC Gb

Zone 1, Zone 2 Group IIA, IIB and IIC

II 2 D Ex tb IIIC Db

Zone 21, Zone 22 Group IIIA, IIIB and IIIC

IEC Standard-IECEX

Ex eb IIC Gb

Zone 1, Zone 2 Group IIA, IIB and IIC

Ex tb IIIC Db

Zone 21, Zone 22 Group IIIA, IIIB and IIIC

NEC Standard-UL

Class I, Division 2, Group A B C D

Class II, Division 1, Group E F G

Type 4X

Catalogue Numbering System

SGP

01

Thread Code

M16x1.5 – M63x1.5

NPT3/8" – NPT2"

M

Thread Type

M: Metric thread

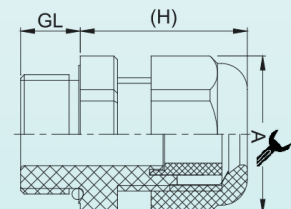
N: NPT thread

K0

Kit Accessories

K0: no accessories

K1: Locknut & Seal



Ordering Information

Metric Thread		NPT Thread		Cable outer diameter(mm)	Thread length(mm)	Protrusion length(mm)	Across flats(mm)
Size	Cat.#	Size	Cat.#	–	GL	H	A
Short Thread							
M16x1.5	SGP01M	NPT3/8"	SGP01N	2.5–6	8	22	19
M16x1.5	SGP02M	NPT3/8"	SGP02N	4–8	8	22	19
M16x1.5	SGP03M	NPT3/8"	SGP03N	5–10	8	25	22
M20x1.5	SGP04M	NPT1/2"	SGP04N	5–9	9	26.5	24
M20x1.5	SGP05M	NPT1/2"	SGP06N	6–12	9	26.5	24
M20x1.5	SGP06M	NPT1/2"	SGP06N	8–14	10	28	27
M25x1.5	SGP07M	NPT3/4"	SGP07N	11–16	11	31.5	33
M25x1.5	SGP08M	NPT3/4"	SGP08N	13–18	11	31.5	33
M32x1.5	SGP09M	NPT1"	SGP09N	14–21	11	39	42
M32x1.5	SGP10M	NPT1"	SGP10N	18–25	11	39	42
M40x1.5	SGP11M	NPT1 1/4"	SGP11N	22–32	13	48.5	53
M50x1.5	SGP12M	NPT1 1/2"	SGP12N	30–38	15	47.3	60
M63x1.5	SGP13M	NPT 2"	SGP13N	37–44	15	47	68
Long Thread							
M16x1.5	SGP14M	–	–	2.5–6	15	22	19
M16x1.5	SGP15M	–	–	4–8	15	22	19
M16x1.5	SGP16M	–	–	5–10	15	25	22
–	–	NPT3/8"	SGP14N	2–6	11	25	20
–	–	NPT3/8"	SGP15N	4–8	11	25	24
M20x1.5	SGP17M	–	–	5–9	15	26.5	24
M20x1.5	SGP18M	–	–	6–12	15	26.5	24
M20x1.5	SGP19M	–	–	8–14	15	28	27
–	–	NPT1/2"	SGP17N	5–9	13	26.5	24
–	–	NPT1/2"	SGP18N	6–12	13	26.5	24
M25x1.5	SGP20M	–	–	11–16	15	33	33
M25x1.5	SGP21M	–	–	13–18	15	33	33
–	–	NPT3/4"	SGP20N	11–16	13	31.5	30
–	–	NPT3/4"	SGP21N	13–18	13	31.5	30
M32x1.5	SGP22M	–	–	14–21	15	42	42
M32x1.5	SGP23M	–	–	18–25	15	42	42
–	–	NPT1"	SGP22N	14–21	16	39	40
–	–	NPT1"	SGP23N	18–25	16	39	40