

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS STANDARD TYPE METRIC

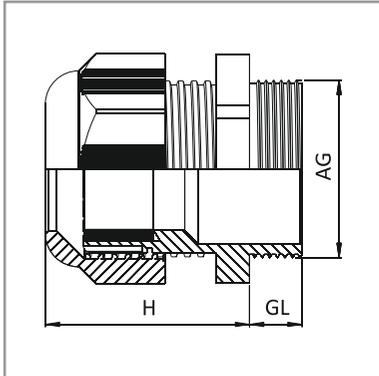
TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Polyamide PA6 V2
Connection thread	: Metric (EN 60423)
Certificates	: UR, VDE, ROHS, CE EN45545-2 HL2 HL3
Protection class	: IP68 5 bar (with o-ring)
Temperature range	: -20 °C + 100 °C -30 °C + 150 °C (short term)

Properties

- Antivibration protection
- UV resistance (on request)
- Easy to assemble
- VDE approval (40030037)
- Halogen free



■ RAL 7001 ■ RAL 7035 ■ RAL 9005

* Red (RAL 3020) and White (RAL 9010) colours are available

METRIC THREAD CABLE GLANDS

AG Thread	Gray Code ■ RAL 7001	L. Gray Code ■ RAL 7035	Black Code ■ RAL 9005	H mm	GL mm	mm	mm
M 12 x 1,5	OMRG 01	OMRL 01	OMRB 01	24	8	15	3 - 6,5
M 16 x 1,5	OMRG 02	OMRL 02	OMRB 02	28	8	19	4 - 8
M 16 x 1,5	OMRG 03	OMRL 03	OMRB 03	29	10	22	5 - 10
M 20 x 1,5	OMRG 04RS	OMRL 04RS	OMRB 04RS	29	10	24	4 - 10
M 20 x 1,5	OMRG 04	OMRL 04	OMRB 04	29	10	24	6 - 12
M 20 x 1,5	OMRG 05	OMRL 05	OMRB 05	33	10	27	10 - 14
M 25 x 1,5	OMRG 06RS	OMRL 06RS	OMRB 06RS	38	10	33	9 - 17
M 25 x 1,5	OMRG 06	OMRL 06	OMRB 06	38	10	33	13 - 18
M 32 x 1,5	OMRG 07	OMRL 07	OMRB 07	41	10	42	18 - 25
M 40 x 1,5	OMRG 08	OMRL 08	OMRB 08	51	10	53	22 - 32
M 50 x 1,5	OMRG 09	OMRL 09	OMRB 09	53	18	60	30 - 38
M 63 x 1,5	OMRG 10	OMRL 10	OMRB 10	55	18	70	34 - 44

LONG THREAD METRIC CABLE GLANDS

M 12 x 1,5	OMRG 01L	OMRL 01L	OMRB 01L	24	15	15	3 - 6,5
M 16 x 1,5	OMRG 11S	OMRL 11S	OMRB 11S	28	15	19	4 - 8
M 16 x 1,5	OMRG 11	OMRL 11	OMRB 11	29	15	22	5 - 10
M 20 x 1,5	OMRG 12RS	OMRL 12RS	OMRB 12RS	29	15	24	4 - 10
M 20 x 1,5	OMRG 12	OMRL 12	OMRB 12	29	15	24	6 - 12
M 20 x 1,5	OMRG 13	OMRL 13	OMRB 13	33	15	27	10 - 14
M 25 x 1,5	OMRG 14RS	OMRL 14RS	OMRB 14RS	38	15	33	9 - 17
M 25 x 1,5	OMRG 14	OMRL 14	OMRB 14	38	15	33	13 - 18
M 32 x 1,5	OMRG 15	OMRL 15	OMRB 15	41	18	42	18 - 25
M 40 x 1,5	OMRG 16	OMRL 16	OMRB 16	51	18	53	22 - 32

IP 68

Halogen free

PRODUCT RANGE OVERVIEW

*M63x1.5 size polyamide cable glands are not covered by the UR certificate.

ORTAC PLASTIC CABLE GLANDS SERIES



POLYAMIDE CABLE GLANDS STANDARD TYPE PG

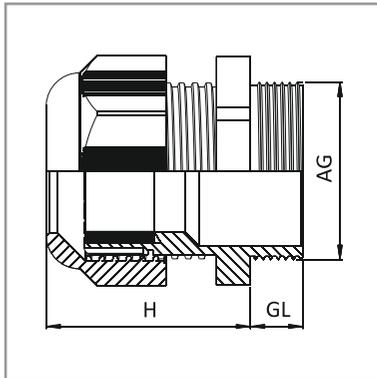
TECHNICAL DETAILS

Material

Cap nut	: Polyamide PA6 V2
Sealing ring	: TPV
Gland body	: Polyamide PA6 V2
Connection thread	: PG (DIN 40430)
Certificates:	: UR, ROHS, CE EN45545-2 HL2 HL3
Protection class	: IP68 5 bar (with o-ring)
Temperature range	: -20 °C +100 °C -30 °C +150 °C (short term)

Properties

Antivibration protection
UV resistance (on request)
Easy to assemble
Halogen free



■ RAL 7001

■ RAL 7035

■ RAL 9005

* Red (RAL 3020) and White (RAL 9010) colours are available

PG THREAD CABLE GLANDS

AG Thread	Gray Code ■ RAL 7001	L. Gray Code ■ RAL 7035	Black Code ■ RAL 9005	H mm	GL mm	mm	mm
PG 7	ORG 01	ORL 01	ORB 01	24	8	15	3 - 6,5
PG 9	ORG 02	ORL 02	ORB 02	28	8	19	4 - 8
PG 11	ORG 03	ORL 03	ORB 03	29	8	22	5 - 10
PG 13,5	ORG 04RS	ORL 04RS	ORB 04RS	29	9	24	4 - 10
PG 13,5	ORG 04	ORL 04	ORB 04	29	9	24	6 - 12
PG 16	ORG 05	ORL 05	ORB 05	33	9	27	10 - 14
PG 21	ORG 06RS	ORL 06RS	ORB 06RS	38	11	33	9 - 17
PG 21	ORG 06	ORL 06	ORB 06	38	11	33	13 - 18
PG 29	ORG 07	ORL 07	ORB 07	41	11	42	18 - 25
PG 36	ORG 08	ORL 08	ORB 08	51	13	53	22 - 32
PG 42	ORG 09	ORL 09	ORB 09	53	13	60	30 - 38
PG 48	ORG 10	ORL 10	ORB 10	55	14	65	34 - 44

LONG THREAD PG CABLE GLANDS

AG Thread	Gray Code ■ RAL 7001	L. Gray Code ■ RAL 7035	Black Code ■ RAL 9005	H mm	GL mm	mm	mm
PG 7	ORGL 01	ORLL 01	ORBL 01	24	15	15	3 - 6,5
PG 9	ORGL 02	ORLL 02	ORBL 02	28	15	19	4 - 8
PG 11	ORGL 03A	ORLL 03A	ORBL 03A	29	10	22	5 - 10
PG 11	ORGL 03	ORLL 03	ORBL 03	29	15	22	5 - 10
PG 13.5	ORGL 04RS	ORLL 04RS	ORBL 04RS	29	15	24	4 - 10
PG 13.5	ORGL 04	ORLL 04	ORBL 04	29	15	24	6 - 12
PG 16	ORGL 05	ORLL 05	ORBL 05	33	15	27	10 - 14
PG 21	ORGL 06RS	ORLL 06RS	ORBL 06RS	38	15	33	9 - 17
PG 21	ORGL 06	ORLL 06	ORBL 06	38	15	33	13 - 18

PRODUCT RANGE OVERVIEW

IP 68

Halogen free

*PG 48 size polyamide cable glands are not covered by the UR certificate.

ORTAC PLASTIC ACCESSORIES SERIES

TECHNICAL DETAILS

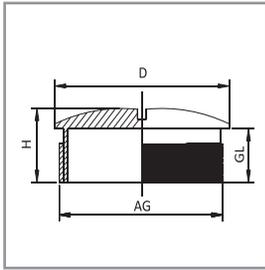
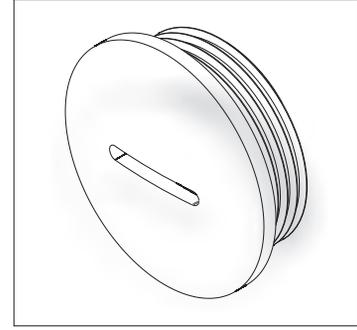
Material

Screw plug : Polyamide PA6 V2
Sealing ring : NBR (on request)
Connection thread : Metric (EN 60423)/PG (DIN 40430)
Protection class : IP54
Temperature range : -30 °C +80 °C
+150 °C (short term)

Properties

For unused threaded holes
UV resistance
Halogen free

POLYAMIDE
BLIND STOPS



KÖRTAPA

Hammaddesi : Polyamid PA6 V2
Renk : RAL 7001 (Gri)
RAL 7035 (Açık Gri)
RAL 9005 (Siyah)
Bağlantı Dişi M : EN 60423
Bağlantı Dişi PG : DIN 40430
Koruma sınıfı : IP 54
Sürekli ısıya direnci : - 30 °C + 80 °C
Kısa süreli ısıya direnci : +150 °C



METRIC/PG THREAD BLIND STOPS

AG Thread	Gray Code ■ RAL 7001	L. Gray Code ■ RAL 7035	Black Code ■ RAL 9005	H mm	GL mm	D mm
M 12 x 1,5	MOGK 01	MOLK 01	MOBK 01	8,5	6	15
M 16 x 1,5	MOGK 02	MOLK 02	MOBK 02	10	7	20
M 20 x 1,5	MOGK 03	MOLK 03	MOBK 03	10	7	24
M 25 x 1,5	MOGK 04	MOLK 04	MOBK 04	14	10	30
M 32 x 1,5	MOGK 05	MOLK 05	MOBK 05	14	10	37
M 40 x 1,5	MOGK 06	MOLK 06	MOBK 06	15	10	48
PG 7	OGK 01	OLK 01	OBK 01	8	6	15
PG 9	OGK 02	OLK 02	OBK 02	9	6	19
PG 11	OGK 03	OLK 03	OBK 03	9	6	22
PG 13,5	OGK 04	OLK 04	OBK 04	8,5	6	25
PG 16	OGK 05	OLK 05	OBK 05	8,5	6	27
PG 21	OGK 06	OLK 06	OBK 06	12	8	33
PG 29	OGK 07	OLK 07	OBK 07	12	8	44
PG 36	OGK 08	OLK 08	OBK 08	15	10	55

PRODUCT RANGE OVERVIEW

IP 54

Halogen free

ORTAC PLASTIC ACCESSORIES SERIES



POLYAMIDE LOCK NUTS STANDARD TYPE

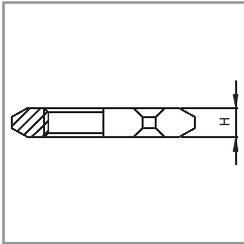
TECHNICAL DETAILS

Material

Hexagonal lock nut : Polyamide PA6 V2 + 30% GF
 Connection thread : Metric (EN 60423)/PG (DIN 40430)
 Certificates : ROHS,CE,PT,TUV
 Temperature range : -20 °C + 100 °C
 : -30 °C + 150 °C (short term)

Properties

For tightening of cable glands
 UV resistance
 Halogen free



SOMUN

Hammaddesi : Polyamid PA6 V2
 Renk : RAL 7001 (Gri)
 : RAL 7035 (Açık Gri)
 : RAL 9005 (Siyah)
 Bağlantı dişi M : EN 60423
 Bağlantı dişi PG : DIN 40430
 Sürekli ısıya direnci : -20 °C + 100 °C
 Kısa süreli ısıya direnci : -30 °C + 150 °C



METRIC/PG THREAD LOCK NUTS

AG Thread	Gray Code		Black Code	H mm	mm
	■ RAL 7001	■ RAL 7035			
M 12 x 1,5	MSG 01	MSL 01	MSB 01	5	18
M 16 x 1,5	MSG 02	MSL 02	MSB 02	5	22
M 20 x 1,5	MSG 03	MSL 03	MSB 03	6	26
M 25 x 1,5	MSG 04	MSL 04	MSB 04	6	32
M 32 x 1,5	MSG 05	MSL 05	MSB 05	7	41
M 40 x 1,5	MSG 06	MSL 06	MSB 06	7	50
M 50 x 1,5	MSG 07	MSL 07	MSB 07	8	60
M 63 x 1,5	MSG 08	MSL 08	MSB 08	8	75
PG 7	OSG 01	OSL 01	OSB 01	5	19
PG 9	OSG 02A	OSL 02A	OSB 02A	5	19
PG 9	OSG 02	OSL 02	OSB 02	5	22
PG 11	OSG 03	OSL 03	OSB 03	5	24
PG 13,5	OSG 04	OSL 04	OSB 04	6	27
PG 16	OSG 05	OSL 05	OSB 05	6	30
PG 21	OSG 06	OSL 06	OSB 06	7	36
PG 29	OSG 07	OSL 07	OSB 07	7	46
PG 36	OSG 08	OSL 08	OSB 08	8	60
PG 42	OSG 09	OSL 09	OSB 09	8	65
PG 48	OSG 10	OSL 10	OSB 10	8	70

PRODUCT RANGE OVERVIEW

Halogen free

PROTECTION ACCESSORIES



PROTECTION TAPS

EN	TR
Material Polyamide 6	Hammaddesi Polyamide 6
Temperature range -20 °C +100 °C	Isiya direnci -20 °C +100 °C



O-RING

EN	TR
Material Nitrile rubber 70 shore A	Hammaddesi Nitril kauçuk 70 shore A
Temperature range -30 °C +100 °C	Isiya direnci -30 °C +100 °C



KORUMA TAPASI

PG Thread	M Thread	Black Code	Red Code
		■ RAL 9005	■ RAL 3020
PG 7	M 12 x 1,5	PTB 01	PTR 01
PG 9	M 16 x 1,5	PTB 02	PTR 02
PG 11	M 16 x 1,5	PTB 03	PTR 03
PG 13,5	M 20 x 1,5	PTB 04	PTR 04
PG 16	M 20 x 1,5	PTB 05	PTR 05
PG 21	M 25 x 1,5	PTB 06	PTR 06
PG 29	M 32 x 1,5	PTB 07	PTR 07
PG 36	M 40 x 1,5	PTB 08	PTR 08
PG 42	M 50 x 1,5	PTB 09	PTR 09
PG 48	M 63 x 1,5	PTB 10	PTR 10

O-RING

Inner Diameter mm	Thickness mm	Gland Size	Code
8	1,5	M 10	80015
9	1,5	PG 7 / M12	90015
11	1,5	PG 9 / M16	11015
13	1,5	PG11	13015
16	1,5	PG 13,5 / M 20	16015
18	1,5	PG 16	18015
19	2	M 25	19020
22	2	PG 21	22020
26	2	M 32	26020
30	2	PG 29	30020
34	2	M 40	34020
40	2	PG 36	40020
44	2	M 50	44020
48	2	PG 42	48020
53	2	PG 48	53020
56	2	M 63	56020

FLAT WASHER / METRIC

EN	TR
Material TPV	Hammaddesi TPV
Temperature range -20 °C +100 °C	Isiya direnci -20 °C +100 °C



FLAT WASHER / PG

EN	TR
Material TPV	Hammaddesi TPV
Temperature range -20 °C +100 °C	Isiya direnci -20 °C +100 °C



YASSI RONDELA

Code	Metric Size	Inner Diameter	Outer Diameter	Thickness
ZZ/RON01TP	12	11,8	16,9	1,3
ZZ/RNTP-M16K	16	16,0	20,3	1,5
ZZ/RNTP-M16	16-2	16,0	23,0	1,5
ZZ/RNTP-M20K	20	20,0	23,0	1,5
ZZ/RNTP-M20	20-2	19,5	26,0	1,5
ZZ/RNTP-M25	25	25,0	32,0	1,5
ZZ/RNTP-M32	32	32,0	42,0	1,5
ZZ/RNTP-M40	40	40,0	50,0	2,0
ZZ/RNTP-M50	50	50,0	59,0	2,0
ZZ/RNTP-M63	63	63,0	74,0	2,0
ZZ/RNTP-M75	75	75,0	89,0	2,0

YASSI RONDELA

Code	PG Size	Inner Diameter	Outer Diameter	Thickness
ZZ/RON01TP	PG-7/M12	11,8	16,9	1,3
ZZ/RON02TP	PG-9	14	18	1,5
ZZ/RNTP-PG9/13,5	PG-9/PG-13,5	14	22	1
ZZ/RON03TP	PG-11	17	22	1
ZZ/RON04TP	PG-13,5	20,5	26	1,3
ZZ/RON05TP	PG-16	21,5	28	1
ZZ/RON06TP	PG-21	27	35	1,5
ZZ/RON07TP	PG-29	34,5	42	1,5
ZZ/RON08TP	PG-36	47,5	57	1,5
ZZ/RON09TP	PG-42	54	67	1,5
ZZ/RON10TP	PG-48	59,5	69	2