

Palazzoli

General Catalogue



2019/2020

Palazzoli



CHIAREZZA DELLA FUNZIONE
SEMPlicità DI PROGETTO
QUALITÀ DELLA MANIFATTURA

CLARITY OF FUNCTION
PROJECT SIMPLICITY
QUALITY OF MANUFACTURE





	GAS			DUST		
ZONE	0	1	2	20	21	22
USABLE		X	X		X	X

Cable glands in technopolymer and nickel-plated brass with neoprene gaskets.

Galvanised steel adaptors with Pg or Gas male thread and female metric thread to connect devices of different standards.

The products are suitable for use in explosion hazardous areas according to ATEX directive 2014/34/EU.

Compliance with standards

Directive ATEX 2014/34/EU
EN 60079-0
EN 60079-7
EN 60079-31

IEC/EN 60079-0
IEC/EN 60079-1
IEC/EN 60079-7
IEC/EN 60079-31
ISO 965-1
ISO 965-3

Atex execution

II 2G 2D

(cable glands)
Ex e IIC, Ex tb IIIC

(cable glands for armoured cables)
Ex db/eb IIC, Ex tb IIIC

(adaptors)
Ex d IIC, Ex e IIC, Ex tb IIIC

Material

(technopolymer cable glands)
Polyamide body
Neoprene gaskets

(brass cable glands)
Nickel-plated brass body
Neoprene gaskets

(cable glands for armoured cables)
Nickel-plated brass body
Graphite gasket

(adaptors)
Galvanised steel

Colour

Technopolymer cable gland
RAL 9005 (black)

Protection rating

IP66/IP68 (cable glands)
IP66/IP67 (adaptors)

Operating temperature

(technopolymer cable glands)
-20°C - +80°C (M12)
-35°C - +95°C

(brass cable glands)
-40°C - +100°C

(cable glands for armoured cables)
-60°C - +80°C

(adaptors)
-40°C - +150°C





SUITABLE FOR ZONE 1-2 (GAS) AND 21-22 (DUST)



Cable glands
in insulating material
with **Pg** threading
IP66/IP68

Pg	Mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
9	16	3.5-8.5	8	571009EX	50
11	19	4-10.5	8	571011EX	50
13.5	21	5-12.5	9	571013EX	50
16	23	6.5-14	10	571016EX	50
21	29	8-18.5	11	571021EX	20
29	38	10-25	12	571029EX	20
36	48	24-34	15	571036EX	10
42	55	34-42	15	571042EX	5
48	61	40-48	15	571048EX	5



Locknuts
in insulating material
with **Pg** threading

Pg	Palazzoli code	Pack Qty
9	571209	50
11	571211	50
13.5	571213	50
16	571216	50
21	571221	25
29	571229	20
36	571236	10
42	571242	5
48	571248	5



Cable glands
in insulating material
with **Pg** pitch
with **long thread**
IP66/IP68

Pg	Mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
9	16	3.5-5.5	15	571109EX	50
11	19	4-10.5	15	571111EX	50
13.5	21	5-12.5	15	571113EX	50
16	23	6.5-14	15	571116EX	50
21	29	8-18.5	15	571121EX	20
29	38	10-25	15	571129EX	20
36	48	24-34	18	571136EX	10
42	55	34-42	18	571142EX	5
48	61	40-48	18	571148EX	5



SUITABLE FOR ZONE 1-2 (GAS) AND 21-22 (DUST)



Cable glands
in insulating material
with **metric threading**
IP66/IP68

Threading	Mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	4-6.5	8	581012EX	50
M16x1.5	16.5	5-10	10	581016EX	50
M20x1.5	20.5	10-14	10	581020EX	50
M25x1.5	25.5	12-18	10	581025EX	20
M32x1,5	32.5	16-25	10	581032EX	20
M40x1.5	40.5	22-32	10	581040EX	20
M50x1.5	50.5	28-38.5	12	581050EX	10
M63x1.5	63.5	40-48	12	581063EX	5



Locknuts
in insulating material
with **metric threading**

Threading	Palazzoli code	Pack Qty
M12x1,5	581212	50
M16x1.5	581216	50
M20x1.5	581220	50
M25x1.5	581225	50
M32x1,5	581232	50
M40x1.5	581240	20
M50x1.5	581250	10
M63x1.5	581263	5



Cable glands
in insulating material
with **metric pitch**
with **long thread**
IP66/IP68

Threading	Mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	4-6.5	15	581112EX	50
M16x1.5	16.5	5-10	15	581116EX	50
M20x1.5	20.5	10-14	15	581120EX	50
M25x1.5	25.5	12-18	15	581125EX	20
M32x1,5	32.5	16-25	15	581132EX	20
M40x1.5	40.5	22-32	16	581140EX	20
M50x1.5	50.5	28-38.5	16	581150EX	10
M63x1.5	63.5	40-48	16	581163EX	5



SUITABLE FOR ZONE 1-2 (GAS) AND 21-22 (DUST)



Cable glands
in nickel-plated brass
with **metric threading**
IP66/IP68

Threading	Mounting hole (mm)	Fastening diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M12x1,5	12.5	4.5-6.5	15	582112EX	50
M16x1,5	16.5	5-9.5	15	582116EX	50
M20x1,5	20.5	8-13	15	582120EX	50
M25x1,5	25.5	9-16	15	582125EX	20
M32x1,5	32.5	12-21	15	582132EX	20
M40x1,5	40.5	16-27	15	582140EX	20
M50x1,5	50.5	23-35	15	582150EX	10
M63x1,5	63.5	36-48	15	582163EX	5



Gas/metric adaptors
in galvanised steel
for tube/box connections
IP67

Male thread	Female thread	Palazzoli code	Pack Qty
3/8" Gas	M16x1,5	580360EX	1
1/2" Gas	M20x1,5	580361EX	1
3/4" Gas	M25x1,5	580364EX	1
1" Gas	M32x1,5	580365EX	1



Cable glands for **armoured**
cables in nickel-plated brass
with **metric threading**
IP66/IP68

Threading	Mounting hole (mm)	Sheath outer diameter (mm)	Sheath inner diameter (mm)	Thread length (mm)	Palazzoli code	Pack Qty
M16	16.5	7-11.5	4-8	15	580416EX	1
M20	20.5	9-15.5	7-12	15	580420EX	1
M25	25.5	13-20	9.5-15.5	15	580425EX	1
M32	32.5	18-27	14-20.5	15	580432EX	1
M40	40.5	23-33.5	17-27	15	580440EX	1
M50	50.5	29-40.5	22-33.5	15	580450EX	1
M63	63.5	40-54	34-47.5	15	580463EX	1

Notes: earthing tab available on request.



Pg/metric adaptors
in galvanised steel
for tube/box connections
IP67

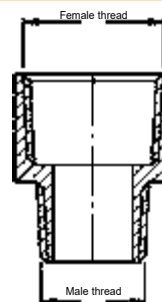
Male thread	Female thread	Palazzoli code	Pack Qty
Pg21	M25x1,5	580394EX	1
Pg29	M32x1,5	580395EX	1
Pg36	M40x1,5	580396EX	1



Locknuts
in nickel-plated brass
with **metric threading**

Threading	Palazzoli code	Pack Qty
M12x1,5	582212	50
M16x1,5	582216	50
M20x1,5	582220	50
M25x1,5	582225	25
M32x1,5	582232	20
M40x1,5	582240	10
M50x1,5	582250	10
M63x1,5	582263	5

SELECTION GUIDE



The background of the entire page is a deep blue space scene. A bright sun or star is rising over the horizon of the Earth, creating a strong lens flare and illuminating the planet's surface. The Earth's curvature is visible, with the Italian peninsula clearly shown and covered in city lights. A network of thin, glowing blue lines connects various points across the sky, resembling a global communication or data network. The Palazzoli logo is positioned in the upper left quadrant.

Palazzoli

— excellence —
FROM ITALY

Palazzoli S.p.A
25128 Brescia - Italy - Via F. Palazzoli, 31
Tel +39 030 2015.1
Fax +39 030 2015.258
www.palazzoli.com
export@palazzoli.com
