

THE STANDARD SERIES

Spiral Polyamide Cable Glands



bimed IP 68 Polyamide Cable Glands

Bimed offer one of the broadest ranges of UL, CSA & VDE approved IP 68 Polyamide cable glands. All glands are manufactured to the highest standards combining innovative design and precise manufacturing methods to provide the products you need for your specific applications. Some of the advantages of Bimed's IP68 Polyamide glands are;

Smooth bore
Quick assembly
No need to remove cap during installation offering substantial labour savings



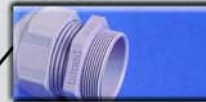
Aesthetic finish
Perfect cable protection
No screw clamps to damage outer insulation cables



Each fitting can accommodate a wide range of cables



UL, CSA and VDE approved
Waterproof to IP68 to 5 Bar due to neoprene seal used



Made of Polyamide 6 for good temperature resistance (-30°C to +80°C)



Lamellate construction guaranteeing equal cable compression



Trapez thread to eliminate cross threading
Advanced thread design improves cap compression

Contents

This short form details the range of IP68 Spiral Polyamide cable glands available from Bimed through AP Technology. This range has been designed for use in a variety of end markets and applications, offering a high quality UL, CSA & VDE approved solution to your Polyamide cable gland requirements at a commercially competitive price.

When viewing this publication electronically, clicking one of the buttons below will take you directly to that gland series page.

APTechnology

An overview of our Interconnect line card

NPT

Our range of "National Pipe Thread" style threaded spiral polyamide cable glands

Metric

Our range of Metric threaded spiral polyamide cable glands

Pf

Our range of "JIS parallel pipe style" threaded spiral polyamide cable glands

Pg

Our range of "Panzer-Gewinde" threaded spiral polyamide cable glands

Lock nuts

Our range of Metric, Pg, NPT & Pf threaded spiral polyamide lock nuts

For further information on Bimed's extensive range of cable glands or to arrange a visit by a member of our team, please do not hesitate to contact us on the number below

Founded in 2001 AP Technology is an ISO 9001 approved specialist supplier of interconnect products including connectors, wire, cable and management products. We supply an extensive range of materials from a broad range of specialist vendors shipping to manufacturers, sub-contractors, installers & resellers worldwide, enabling us to deliver an end to end solution for your interconnect needs.

Our principle differentiator is our service, in addition to our range of standard products we offer a variety of customised products and supply chain solutions to meet your individual requirements including:

- **Contract Pricing**
- **No Minimum Order Value on Stocked Products**
- **Engineering Support**
- **Scheduled & Call Off Orders**
- **In House Cable Assembly Manufacture**
- **Proactive Inventory Management**

Our Line Card Includes

bimed manufactures one of the most in-depth portfolios of metallic & plastic glands, together with an extensive range of sizes and styles including Metric, Pf, Pg & NPT threads. In addition to a broad range of ATEX, Dome-top & Spiral glands, Bimed utilise in-house product development, engineering and manufacturing to support both bespoke applications in addition to delivering market leading & innovative products such as the new G4 EMC cable gland

TecniKabel Has focussed its expertise in the design and manufacture of cables for use in the machine tool, robotic and Industrial automation applications, concentrating on the supply of bespoke and custom cables with a wide range of approvals including a broad range of listings and approvals for both UL & CSA.

HUGRO® Founded in 1960 Hugro has established itself as a manufacturer of innovative and high quality products including enclosures, specialist cable glands and cable protection products.

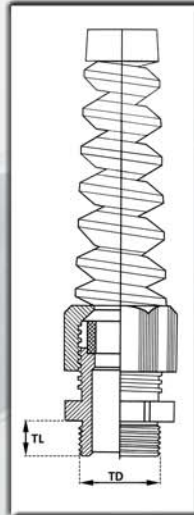
ILME Industriai Lombarda Materiale Elettrico, based in Milan has been manufacturing connectors since 1938. ILME offer one of the broadest ranges of multipole & electrical connectors available on the market today, Including innovative and unique products such as the CSH push fit connector and the T type plastic enclosure.

intercontec infinite connections Since its foundation in 1996 by Wolfgang Pfeiffer, Intercontec has grown to become the connector manufacturer of choice for the world's leading motor and encoder manufacturers due to the breadth of product choice, coupled with their passion for innovation. Manufactured in Germany, the range contains a variety of plan forms for power and signal applications, offering the most in-depth collection of M17, M23, M40 & M58 connectors available on the market today.

JAMES MONROE WIRE & CABLE CORPORATION is a manufacturer of insulated wire and cable products. The manufacturing capabilities range from electronic and communication products to power and control cables to highly specialized cables for Industrial, Military, Security, Submarine and Medical applications.

Nexans Is a worldwide leader in cable technology, it offers an extensive range of cables and cabling systems including the most comprehensive range of high-performance control, robotic, chain, encoder, motor power, bus and sensor application cables for control and process applications.

TKD Offers one of the most diverse ranges of cable and cable accessories in Europe with over 30,000 active designs, including cables with UL/CSA and VDE approvals for a multitude of applications in a wide variety of industries.



Technical details

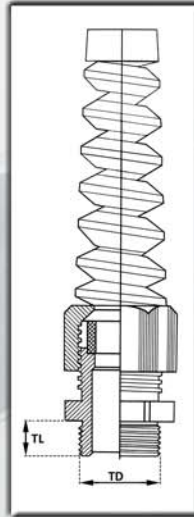
Material Body	Polyamide 6
Seal	Neoprene
Colour	RAL7001 Grey RAL9005 Black RAL7035 Light Grey
Protection Class	IP 68, 5 bar
Temperature Range	-30°C to 80°C permanent
Operational temperature	Up to +150°C intermittent
Approvals	UL, CSA & VDE
Manufactured according to the requirements of EN 50262	

Metric Thread - Spiral Polyamide Cable Glands

Size	M12x1.5	M16x1.5	M16x1.5	M20x1.5	M20x1.5	M20x1.5	M20x1.5	M25x1.5	M25x1.5
Grey	BMSP-0S	BMSP-01	BMSP-01L	BMSP-02	BMSP-02L	BMSP-03	BMSP-04	BMSP-05	BMSP-06
LightGrey	BMSP-1S	BMSP-11	BMSP-11L	BMSP-12	BMSP-12L	BMSP-13	BMSP-14	BMSP-15	BMSP-16
Black	BMSP-2S	BMSP-21	BMSP-21L	BMSP-22	BMSP-22L	BMSP-23	BMSP-24	BMSP-25	BMSP-26
TD (mm)	12	16	16	20	20	20	20	25	25
TL (mm)	8	10	15	10	15	10	15	10	15
Spanner	15	22	22	24	24	27	27	33	33
Clamping Range (mm)									
Min Ø	3.0	5.0	5.0	6.0	6.0	10.0	10.0	13.0	13.0
Max Ø	6.5	10.0	10.0	12.0	12.0	14.0	14.0	18.0	18.0

Metric Thread - Spiral Polyamide Cable Glands With Reducing Seal

Size	M12x1.5	M16x1.5	M16x1.5	M20x1.5	M20x1.5	M20x1.5	M20x1.5	M25x1.5	M25x1.5
Grey	BISP-0S	BISP-01	BISP-01L	BISP-02	BISP-02L	BISP-03	BISP-04	BISP-05	BISP-06
LightGrey	BISP-1S	BISP-11	BISP-11L	BISP-12	BISP-12L	BISP-13	BISP-14	BISP-15	BISP-16
Black	BISP-2S	BISP-21	BISP-21L	BISP-22	BISP-22L	BISP-23	BISP-24	BISP-25	BISP-26
TD (mm)	12	16	16	20	20	20	20	25	25
TL (mm)	8	10	15	10	15	10	15	10	15
Spanner	15	22	22	24	24	27	27	33	33
Clamping Range (mm)									
Min Ø	2.0	3.0	3.0	5.0	5.0	7.0	7.0	9.0	9.0
Max Ø	5.0	7.0	7.0	9.0	9.0	12.0	12.0	14.0	14.0



Technical details

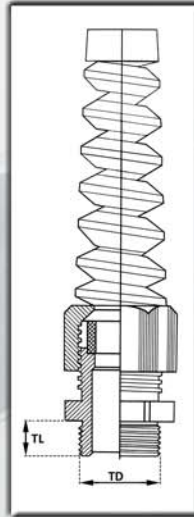
Material Body	Polyamide 6
Seal	Neoprene
Colour	RAL7001 Grey RAL9005 Black RAL7035 Light Grey
Protection Class	IP 68, 5 bar
Temperature Range	-30°C to 80°C permanent
Operational temperature	Up to +150°C intermittent
Approvals	UL, CSA & VDE
Manufactured according to the requirements of EN 50262	

Pg Thread - Spiral Polyamide Cable Glands

Size	Pg 7	Pg 9	Pg 11	Pg 13.5	Pg 16	Pg 21
Grey	BSSP-01	BSSP-02	BSSP-03	BSSP-04	BSSP-05	BSSP-06
LightGrey	BSSP-11	BSSP-12	BSSP-13	BSSP-14	BSSP-15	BSSP-16
Black	BSSP-21	BSSP-22	BSSP-23	BSSP-24	BSSP-25	BSSP-26
TD (mm)	13	16	19	21	23	29
TL (mm)	8	8	8	9	10	11
Spanner	15	12	22	24	27	33
Clamping Range (mm)						
Min Ø	3.0	4.0	5.0	6.0	10.0	13.0
Max Ø	6.5	8.0	10.0	12.0	14.0	18.0

Pg Thread - Spiral Polyamide Cable Glands With Reducing Seal

Size	Pg 7	Pg 9	Pg 11	Pg13.5	Pg 16	Pg 21
Grey	BSRP-01	BSRP-02	BSRP-03	BSRP-04	BSRP-05	BSRP-06
LightGrey	BSRP-11	BSRP-12	BSRP-13	BSRP-14	BSRP-15	BSRP-16
Black	BSRP-21	BSRP-22	BSRP-23	BSRP-24	BSRP-25	BSRP-26
TD (mm)	13	16	19	21	23	29
TL (mm)	8	8	8	9	10	11
Spanner	15	12	22	24	27	33
Clamping Range (mm)						
Min Ø	2.0	2.0	3.0	5.0	7.0	9.0
Max Ø	5.0	6.0	7.0	9.0	12.0	16.0



Technical details

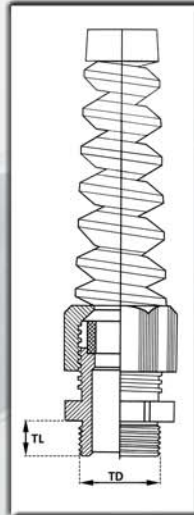
Material Body	Polyamide 6
Seal	Neoprene
Colour	RAL7001 Grey RAL9005 Black RAL7035 Light Grey
Protection Class	IP 68, 5 bar
Temperature Range	-30°C to 80°C permanent
Operational temperature	Up to +150°C intermittent
Approvals	UL, CSA & VDE
Manufactured according to the requirements of EN 50262	

NPT Thread - Spiral Polyamide Cable Glands

Size	NPT 3/8	NPT 3/8	NPT 1/2	NPT 1/2	NPT 1/2	NPT1/2	NPT 3/4	NPT 3/4	NPT 1	NPT 1 1/4
Grey	BNSPA-01	BNSPB-01	BNSPB-02	BNSPBA-02	BNSPC-02	BNSPCA-02	BNSPC-03	BNSPD-03	BNSP-04	BNSPE-05
LightGrey	BNSPA-11	BNSPB-11	BNSPB-12	BNSPBA-12	BNSPC-12	BNSPCA-12	BNSPC-13	BNSPD-13	BNSP-14	BNSPE-15
Black	BNSPA-21	BNSPB-21	BNSPB-22	BNSPBA-22	BNSPC-22	BNSPCA-22	BNSPC-23	BNSPD-23	BNSP-24	BNSPE-25
TL (Inch)	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.709	0.709
Spanner (Inch)	0.866	0.945	0.945	0.866	1.063	1.299	1.063	1.299	1.654	2.087
Clamping Range (Inch)										
Min Ø	0.197	0.236	0.236	0.197	0.394	0.511	0.394	0.511	0.709	1.260
Max Ø	0.394	0.472	0.472	0.394	0.551	0.709	0.551	0.709	0.984	1.866

NPT Thread - Spiral Polyamide Cable Glands With Reducing Seal

Size	NPT 3/8	NPT 3/8	NPT 1/2	NPT 1/2	NPT 1/2	NPT1/2	NPT 3/4	NPT 3/4	NPT 1	NPT 1 1/4
Grey	BNSPA-01R	BNSPB-01R	BNSPB-02R	BNSPBA-02R	BNSPC-02R	BNSPCA-02R	BNSPC-03R	BNSPD-03R	BNSP-04R	BNSPE-05R
LightGrey	BNSPA-11R	BNSPB-11R	BNSPB-12R	BNSPBA-12R	BNSPC-12R	BNSPCA-12R	BNSPC-13R	BNSPD-13R	BNSP-14R	BNSPE-15R
Black	BNSPA-21R	BNSPB-21R	BNSPB-22R	BNSPBA-22R	BNSPC-22R	BNSPCA-22R	BNSPC-23R	BNSPD-23R	BNSP-24R	BNSPE-25R
TL (Inch)	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.590	0.709	0.709
Spanner (Inch)	0.866	0.945	0.945	0.866	1.063	1.299	1.063	1.299	1.654	2.087
Clamping Range (Inch)										
Min Ø	0.118	0.197	0.197	0.118	0.276	0.354	0.276	0.354	0.472	1.024
Max Ø	0.276	0.354	0.354	0.276	0.472	0.630	0.472	0.630	0.787	1.787



Technical details

Material Body	Polyamide 6
Seal	Neoprene
Colour	RAL7001 Grey RAL9005 Black RAL7035 Light Grey
Protection Class	IP 68, 5 bar
Temperature Range	-30°C to 80°C permanent
Operational temperature	Up to +150°C intermittent
Approvals	UL, CSA & VDE
Manufactured according to the requirements of EN 50262	

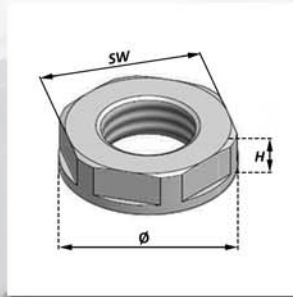
Pf Thread - Spiral Polyamide Cable Glands

Size	PF 3/8	PF 1/2	PF 1/2	PF 3/4	PF 1
Grey	BFSP-01	BFSP-02	BFSP-03	BFSP-04	BFSP-05
LightGrey	BFSP-11	BFSP-12	BFSP-13	BFSP-14	BFSP-15
Black	BFSP-21	BFSP-22	BFSP-23	BFSP-24	BFSP-25
TD (mm)	17	21	21	27	33
TL (mm)	11	11	11	12	13
Spanner	22	24	27	33	42
Clamping Range (mm)					
Min Ø	5.0	6.0	10.0	13.0	18.0
Max Ø	10.0	12.0	14.0	18.0	25.0

Pf Thread - Spiral Polyamide Cable Glands With Reducing Seal

Size	PF 3/8	PF 1/2	PF 1/2	PF 3/4	PF 1
Grey	BFSR-01	BFSR-02	BFSR-03	BFSR-04	BFSR-05
LightGrey	BFSR-11	BFSR-12	BFSR-13	BFSR-14	BFSR-15
Black	BFSR-21	BFSR-22	BFSR-23	BFSR-24	BFSR-25
TD (mm)	17	21	21	27	33
TL (mm)	11	11	11	12	13
Spanner	22	24	27	33	42
Clamping Range (mm)					
Min Ø	3.0	5.0	7.0	9.0	12.0
Max Ø	7.0	9.0	12.0	16.0	20.0

Technical details



Colour	RAL7001 Grey RAL9005 Black RAL7035 Light Grey
Material	Polyamide 6, 30% glass fibre reinforced

Metric Thread - Flanged Polyamide Lock Nuts

Size	M12x1.5	M16x1.5	M20x1.5	M25x1.5	M32x1.5	M40x1.5	M50x1.5	M63x1.5
Grey	BML-0S	BML-01	BML-02	BML-03	BML-04	BML-05	BML-06	BML-07
LightGrey	BML-1S	BML-11	BML-12	BML-13	BML-14	BML-15	BML-16	BML-17
Black	BML-2S	BML-21	BML-22	BML-23	BML-24	BML-25	BML-26	BML-27

Pg Thread - Flanged Polyamide Lock Nuts

Size	Pg 7	Pg 9	Pg 11	Pg 13.5	Pg 16	Pg21	Pg29	Pg 36	Pg 42	Pg 48
Grey	BL-01	BL-02	BL-03	BL-04	BL-05	BL-06	BL-07	BL-08	BL-09	BL-10
LightGrey	BL-11	BL-12	BL-13	BL-14	BL-15	BL-16	BL-17	BL-18	BL-19	BL-20
Black	BL-21	BL-22	BL-23	BL-24	BL-25	BL-26	BL-27	BL-28	BL-29	BL-30
Spanner (mm)	19	22	24	27	30	36	46	60	65	70

NPT Thread - Flanged Polyamide Lock Nuts

Size	NPT 3/8	NPT 1/2	NPT 3/4	NPT 1
Grey	BPL-01	BPL-02	BPL-03	BPL-04
LightGrey	BPL-11	BPL-12	BPL-13	BPL-14
Black	BPL-21	BPL-22	BPL-23	BPL-24
Spanner (mm)	22	27	33	47

Pf Thread - Flanged Polyamide Lock Nuts

Size	Pf 3/8	Pf 1/2	Pf 3/4	Pf 1
Grey	BFL-01	BFL-02	BFL-03	BFL-04
LightGrey	BFL-11	BFL-12	BFL-13	BFL-14
Black	BFL-21	BFL-22	BFL-23	BFL-24
Spanner (mm)	12	27	33	47

In addition to bimed's extensive range of hexagonal lock nuts a range of non-flanged lock nuts is also available, for further details please contact us.