

## COMPRESSION CABLE GLANDS POLYAMIDE PA6.6 SPIRALBLOCK 1500 SERIES - METRIC THREAD



### *spiralblock*<sup>®</sup> standard

**Metric thread M 1.5 pitch CEI EN 60423 CEI EN 50262**

| Ref. Light Grey | P       | Fixing Hole Ø (mm) | Ø A mini-max (mm) | B Spanner (mm) | C (mm) | L min-max (mm) | Quantity |
|-----------------|---------|--------------------|-------------------|----------------|--------|----------------|----------|
| 1500.M12        | M12x1,5 | 12,2               | 3,5- 7            | 15             | 8      | 57             | 100      |
| 1500.M16        | M16x1,5 | 16,2               | 5 -10             | 19             | 8      | 79             | 50       |
| 1500.M20        | M20x1,5 | 20,5               | 7 -13             | 25             | 9      | 90             | 25       |
| 1500.M25        | M25x1,5 | 25,4               | 10 -17            | 30             | 10     | 120            | 20       |
| 1500.M32        | M32x1,5 | 32,5               | 13 -21            | 36             | 10     | 140            | 10       |

Add to Ref: N for Black

### *spiralblock*<sup>®</sup> standard

**Pg thread DIN 40 430**

| Ref. Light Grey | P      | Fixing Hole Ø (mm) | Ø A mini-max (mm) | B Spanner (mm) | C (mm) | L min-max (mm) | Quantity |
|-----------------|--------|--------------------|-------------------|----------------|--------|----------------|----------|
| 1500.07         | Pg 7   | 12,7               | 3,5- 7            | 15             | 8      | 57             | 100      |
| 1500.09         | Pg 9   | 15,5               | 5 - 8             | 19             | 8      | 68             | 100      |
| 1500.11         | Pg11   | 18,8               | 5 -10             | 22             | 8      | 80             | 50       |
| 1500.13         | Pg13,5 | 20,5               | 7 -12             | 24             | 10     | 90             | 50       |
| 1500.16         | Pg16   | 22,6               | 10 -14            | 27             | 10     | 100            | 25       |
| 1500.21         | Pg21   | 28,5               | 13 -18            | 33             | 12     | 112            | 20       |

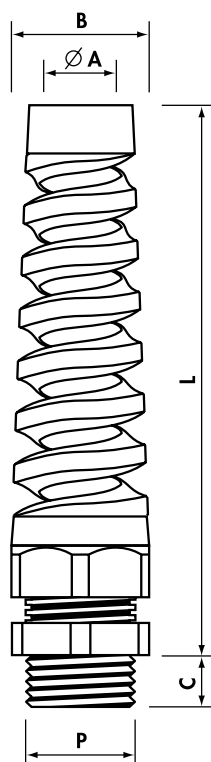
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### *spiralblock*<sup>®</sup> standard

**BSP thread ISO 228/1**

| Ref. Light Grey | P     | Fixing Hole Ø (mm) | Ø A mini-max (mm) | B Spanner (mm) | C (mm) | L min-max (mm) | Quantity |
|-----------------|-------|--------------------|-------------------|----------------|--------|----------------|----------|
| 1500.14         | G1/4" | 13,5               | 3- 6,5            | 15             | 8      | 57             | 100      |
| 1500.38         | G3/8" | 17,0               | 4- 8              | 19             | 9      | 68             | 100      |
| 1500.12         | G1/2" | 21,5               | 7-12              | 24             | 10     | 90             | 50       |
| 1500.34         | G3/4" | 27,0               | 13-18             | 33             | 12     | 112            | 20       |

Add to Ref: N for Black


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**COMPRESSION CABLE GLANDS POLYAMIDE PA6.6  
SPIRALBLOCK 1500 SERIES - METRIC THREAD****Technical details:**

|  |   |
|--|---|
| PROTECTION :   | IP 68 (EN 60529:1991 / CEI 70-1)                            |
| MATERIAL :   | POLIAMMIDE 6.6  |
| SEALING RING :   | NEOPRENE®   |
| SELF-EXTINGUISHING CLASS :   | V2 (UL 94)  |
| TEMPERATURE RANGE :  | -20°C ÷ +90°C (continuous)<br>-20°C ÷ +120°C (short period) |
| GLOW-WIRE TEST (2 mm) :  | 850°C (EN 60695-2-1/1:1996 / CEI 89-13)                     |
| IMPACT CATEGORY :  | M12 and M16<br>M20 ÷ M63                                    |
|  | 1 (EN 50262:1999)<br>3 (EN 50262:1999)                      |
| RESISTANCE TO CHEMICALS:<br>(R=Resistant; LR= Low Resistance; NR= Not Resistant) | See Annexe A  |
| COLOUR:  | RAL 7035 light grey, RAL 9005 black                         |

**Marks:**

|  |                 |  |
|--|-----------------|--|
|  | <b>VDE:</b>     | <b>licence Nos 40008472, 4008474, 40008475 e 40008476 (EN 50262: 1999)</b>             |
|  | <b>USL-CNL:</b> | <b>UL LISTING File No E220310; control No 48SB (UL 514B) valid in USA &amp; Canada</b> |
|  | <b>USR-CNR:</b> | <b>UL RECOGNITION File No E220310 (UL514B) valid in USA &amp; Canada</b>               |

**Markings:** **(EN 50262: 1999)****Cembre SpA**

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**Annexe A:**

| Chemical agent                           | Level of resistance |                    |               |         | Note            |
|--|---------------------|--------------------|---------------|---------|-----------------|
|  | Resistant           | Limited resistance | Not resistant | Soluble |                 |
| Acetaldehyde                             |                     |                    |               |         | Swelling        |
| Acetylene                                |                     |                    |               |         |                 |
| Acetone                                  |                     |                    |               |         |                 |
| Acetic Acid, 30% solution                |                     |                    |               |         |                 |
| Acetic Acid, 5% solution                 |                     |                    |               |         |                 |
| Acrylic Acid                             |                     |                    |               |         |                 |
| Butyric Acid, aqueous                    |                     |                    |               |         |                 |
| Butyric Acid, concentrated               |                     |                    |               |         |                 |
| Citric Acid                              |                     |                    |               |         |                 |
| Hydrochloric Acid                        |                     |                    |               |         |                 |
| Hydrochloric Acid, concentrated          |                     |                    |               |         |                 |
| Hydrochloric Acid, 40% solution          |                     |                    |               |         |                 |
| Hydrochloric Acid, 1% aqueous solution   |                     |                    |               |         |                 |
| Formic Acid, 10% acid solution           |                     |                    |               |         |                 |
| Formic Acid, 85% acid solution           |                     |                    |               |         |                 |
| Phosporic Acid, 10% aqueous solution     |                     |                    |               |         |                 |
| Phosporic Acid, 30 % acqueous solution   |                     |                    |               |         |                 |
| Hydriodic Acid                           |                     |                    |               |         |                 |
| Lactic Acid                              |                     |                    |               |         |                 |
| Nitric Acid, 1% aqueous solution         |                     |                    |               |         |                 |
| Nitric Acid, 50% aqueous solution        |                     |                    |               |         |                 |
| Oleic Acid (commercial)                  |                     |                    |               |         |                 |
| Oxalic Acid, 10% acqueous solution       |                     |                    |               |         |                 |
| Perchloric Acid                          |                     |                    |               |         |                 |
| Hydrogen Sulfide                         |                     |                    |               |         |                 |
| Hydrogen Sulfide, 10% aqueous solution   |                     |                    |               |         |                 |
| Hydrogen Sulfide, 30% aqueous solution   |                     |                    |               |         |                 |
| Hydrogen Sulfide, 96% aqueous solution   |                     |                    |               |         | Solvent         |
| Sulfurous Acid                           |                     |                    |               |         |                 |
| Tartaric Acid                            |                     |                    |               |         |                 |
| Trichloro Acetic Acid                    |                     |                    |               |         |                 |
| Water                                    |                     |                    |               |         |                 |
| Sea Water                                |                     |                    |               |         |                 |
| Hydrogen Peroxide, 10 % aqueous solution |                     |                    |               |         | Oxidising agent |
| Allyl Alcohol                            |                     |                    |               |         |                 |
| Benzyl Alcohol                           |                     |                    |               |         |                 |
| Ethyl Alcohol, concentrated              |                     |                    |               |         | Swelling        |
| Methyl Alcohol                           |                     |                    |               |         |                 |
| Propylic Alcohol                         |                     |                    |               |         | Swelling        |
| Alcohols of fatty acid                   |                     |                    |               |         |                 |
| Cinnamic Aldehyde                        |                     |                    |               |         |                 |
| Furan Aldehyde                           |                     |                    |               |         |                 |
| Zinc Halide, aqueous solution            |                     |                    |               |         |                 |
| Liquid Ammonia                           |                     |                    |               |         |                 |
| Carbon Dioxide                           |                     |                    |               |         |                 |
| Sulfurous Anhydride                      |                     |                    |               |         |                 |

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**Annexe A:**

|  |      |        |     |       |                             |
|--|------|--------|-----|-------|-----------------------------|
| Aniline                                  |      | Yellow |     |       |                             |
| Nitrogen                                 | Blue |        |     |       |                             |
| Photographic fixing bath                 | Blue |        |     |       |                             |
| Ground bacteria (anaerobic)              | Blue |        |     |       |                             |
| Benzaldehyde                             |      |        | Red |       |                             |
| Benzene                                  | Blue |        |     |       |                             |
| Petrol super grade                       | Blue |        |     |       |                             |
| Beer                                     | Blue |        |     |       |                             |
| Bitumen                                  | Blue |        |     |       |                             |
| Bromine                                  |      |        | Red |       |                             |
| Butanol                                  | Blue |        |     |       |                             |
| Caprolactam, melted at 75 °C             |      | Yellow |     |       |                             |
| Potassium Carbonate, saturated solution  | Blue |        |     |       |                             |
| Zinc Carbonate                           | Blue |        |     |       |                             |
| CFC                                      | Blue |        |     |       |                             |
| Ketone                                   | Blue |        |     |       |                             |
| Cyclohexane                              | Blue |        |     |       |                             |
| Cyclohexanone                            | Blue |        |     |       |                             |
| Chloral Hydrate                          |      |        |     | Green | Solvent                     |
| Chloramine                               |      |        | Red |       |                             |
| Sodium Chloride, aqueaous solution       |      |        | Red |       | Oxidising agent             |
| Chlorobenzene                            | Blue |        |     |       |                             |
| Chloroform                               |      | Yellow |     |       |                             |
| Calcium Chloride, alcohol solution       |      |        |     | Green |                             |
| Calcium Chloride, aqueous solution       | Blue |        |     |       |                             |
| Iron Chloride, aqueous acid              |      | Yellow |     |       |                             |
| Iron Chloride, neutral, aqueous          | Blue |        |     |       |                             |
| Potassium Chloride, 10% aqueous solution | Blue |        |     |       |                             |
| Sodium Chloride, saturated solution      | Blue |        |     |       |                             |
| Thionyl Chloride                         |      |        | Red |       |                             |
| Vinyl Chloride                           |      | Yellow |     |       |                             |
| Fuel for petrol engine                   | Blue |        |     |       |                             |
| Creosol                                  |      |        |     | Green | Solvent                     |
| Dibutyl Phthalate                        | Blue |        |     |       |                             |
| Potassium Dichromate                     |      | Yellow |     |       |                             |
| Diethylene-Glycol                        |      | Yellow |     |       |                             |
| Dimethylamine                            | Blue |        |     |       |                             |
| Dimethylformamide                        |      | Yellow |     | Green | Solvent at high temperature |
| Dimethyl Sulfoxide                       |      | Yellow |     | Green | Solvent at high temperature |
| Dioxane                                  | Blue |        |     |       |                             |
| Disinfectant with active chlorine        |      |        | Red |       | Oxidizing agent             |
| Carbon Disulfide                         | Blue |        |     |       |                             |
| E 6705                                   | Blue |        |     |       |                             |
| Heptane                                  | Blue |        |     |       |                             |
| Benzene Hexachloride                     | Blue |        |     |       |                             |
| Hexane                                   | Blue |        |     |       |                             |
| Ethane                                   | Blue |        |     |       |                             |
| Ether                                    | Blue |        |     |       |                             |
| Diethyl Ether                            | Blue |        |     |       |                             |
| Ethyl Acetate                            | Blue |        |     |       |                             |
| Ethylene                                 | Blue |        |     |       |                             |

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**Annexe A:**

|   |  |  |  |  |   |
|---|--|--|--|--|---|
| Phenol  |  |  |  |  | Solvent   |
| Fertilizers                                     |  |  |  |  |   |
| Fluorine  |  |  |  |  |   |
| Brazing flux                                    |  |  |  |  | Contains: Zinc Halide                                       |
| Formaldehyde, 10% aqueous solution              |  |  |  |  |   |
| Formamide                                       |  |  |  |  | See: Dimethylformamide                                      |
| Phosphate                                       |  |  |  |  |   |
| Phthalates                                      |  |  |  |  | Plasticiser   |
| Butane gas                                      |  |  |  |  |   |
| Chlorine gas                                    |  |  |  |  | Oxidising agent   |
| Inert gases                                     |  |  |  |  |   |
| Lighting gas                                    |  |  |  |  |   |
| Diesel fuel for trucks                          |  |  |  |  |   |
| Gel   |  |  |  |  |   |
| Glycerine                                       |  |  |  |  |   |
| Ethylene Glycol                                 |  |  |  |  |   |
| Ethylene Glycol                                 |  |  |  |  |   |
| Grease, wax                                     |  |  |  |  |   |
| Cattle fat                                      |  |  |  |  |   |
| Hydrogen  |  |  |  |  |   |
| Calcium Hydroxide, aqueous solution             |  |  |  |  |   |
| Potassium Hydroxide, concentrated & in solution |  |  |  |  |   |
| Ink   |  |  |  |  | Verify colour absorbtion                                    |
| Calcium Hypochlorite                            |  |  |  |  |   |
| Sodium Hypochlorite                             |  |  |  |  | Oxidising agent   |
| Isooctane                                       |  |  |  |  |   |
| Isopropanol (Isopropyl alcohol)                 |  |  |  |  | Swelling  |
| Methane   |  |  |  |  |   |
| Mould   |  |  |  |  |   |
| Ammonium Nitrate, saturated solution            |  |  |  |  |   |
| Silver Nitrate, aqueous solution                |  |  |  |  |   |
| Hydraulic oil                                   |  |  |  |  | Tests must be performed in operating temperature conditions |
| Lubricating oil                                 |  |  |  |  |   |
| Mineral oil                                     |  |  |  |  |   |
| Gearbox oil                                     |  |  |  |  |   |
| Fuel oil  |  |  |  |  |   |
| Citrus oil                                      |  |  |  |  |   |
| Camphor oil                                     |  |  |  |  |   |
| Colza oil (Rape seed oil)                       |  |  |  |  |   |
| Linseed oil                                     |  |  |  |  |   |
| Fish oil  |  |  |  |  |   |
| Turpentine oil                                  |  |  |  |  |   |
| Motor oil                                       |  |  |  |  |   |
| Brake fluid                                     |  |  |  |  |   |
| Ethylene Oxide                                  |  |  |  |  |   |

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**Annexe A:**

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| Oxygen  |  |  |  |  | At 3 bar                               |
| Ozone, 20 ppm   |  |  |  |  | Oxidising agent                        |
| Paraffin  |  |  |  |  |  |
| Potassium Perchlorate , 2% aqueous solution                   |  |  |  |  | Oxidising agent                        |
| Potassium Permanganate, 10% aqueous solution                  |  |  |  |  | Oxidising agent                        |
| Petroleum   |  |  |  |  |  |
| Natural Petroleum Gas   |  |  |  |  |  |
| Propane   |  |  |  |  |  |
| Cellulose covering  |  |  |  |  |  |
| Blood   |  |  |  |  |  |
| Silicon fluid   |  |  |  |  |  |
| Caustic soda, 10% aqueous solution                            |  |  |  |  |  |
| Caustic soda, concentrated aqueous solution                   |  |  |  |  | See: Potassium Hydroxide ,<br>solution |
| Soda, aqueous solution  |  |  |  |  |  |
| Soda, saturated solution                                      |  |  |  |  |  |
| Sodium Trisulfate, solution 200g/l                            |  |  |  |  |  |
| Ammonium Sulfate, saturated solution                          |  |  |  |  |  |
| Copper Sulfate, saturated solution                            |  |  |  |  |  |
| Sodium Sulfide, saturated solution                            |  |  |  |  |  |
| Agfa processing solution                                      |  |  |  |  |  |
| Photographic processing solution                              |  |  |  |  |  |
| Sweet solution pH 4.5   |  |  |  |  |  |
| Sweet solution pH 9.5   |  |  |  |  |  |
| Solvent for dry wash with boiling point between<br>100-140 °C |  |  |  |  |  |
| Styrene   |  |  |  |  |  |
| Fruit juice   |  |  |  |  |  |
| Carbon Tetrachloride  |  |  |  |  |  |
| Carbon Tetrafluoride  |  |  |  |  |  |
| Tincture of Iodine (commercial)                               |  |  |  |  |  |
| Toluene   |  |  |  |  |  |
| Trichloroethylene   |  |  |  |  |  |
| Triethanolamine   |  |  |  |  |  |
| Urea, 20% aqueous solution                                    |  |  |  |  |  |
| Urine   |  |  |  |  |  |
| Water vapour  |  |  |  |  |  |
| Xylene  |  |  |  |  |  |
| Sugar, saturated solution                                     |  |  |  |  |  |

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