




**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) -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 M20 ÷ M63
RESISTANCE TO CHEMICALS: (R=Resistant; LR= Low Resistance; NR= Not Resistant)	1 (EN 50262:1999) 3 (EN 50262:1999) 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, aqueous 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 , 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 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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