

MATERIAL DATASHEET

V. 08/2003

EPDM E9566

Material Information	
Manufacturer	Semperit
Composition	High-grade EPDM rubber, 70 Shore A
Applications	Low pressure applications, air, water & steam
Approvals	upon request
Colour	Black
Thickness (mm)	1,0; 1,5; 2,0; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0
Sheet dimensions (mm)	1 400 x 20 000 (roll)

Technical Data		
Density, (g/cm ³)	Compressibility, DIN ISO 815 (%)	Recovery, ASTM F36A (%)
1,3	35 (70 °C, 22 h)	not defined
Tensile strength, (MPa)	Stress resistance, DIN 52913 (MPa)	Specific leak rate, DIN 3535-6 (ml/min)
7	not defined	not defined
Thickness increase, ASTM F146 (%)	Compression modulus, DIN 28090-2 (%)	Creep relaxation, ASTM F38B (%)
not defined	not defined	not defined
Peak temperature (°C/°F)	Continuous temperature (°C/°F)	Maximum pressure (bar/psi)
120/248	100/212	10/145

pT-diagram

- General suitability
- Limited suitability
- Not recommended

not defined

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Recommended Media			
Acetaldehyde	Cellulube	Hydrogen Gas	Pydraul, 10E, 29 ELT
Acetamide	Chloroacetic Acid	Hydrogen Sulfide	Pydraul, 115E
Acetic Acid	Chloroacetone	Iron Chloride	Pydraul, 30E, 50E, 65E, 90E
Acetic Acid, 30%	Citric Acid	Iron Nitrate	Rapeseed Oil
Acetone	Cobalt Chloride	Iron Sulfate	Sal Ammoniac
Acetophenone	Cod Liver Oil	Isobutyl Alcohol	Salicylic Acid
Acetylene	Copper Acetate	Isopropyl Alcohol	Salt Water
Adipic Acid	Copper Chloride	Lactic Acid	Silicone Greases
Alum	Copper Cyanide	Lead Acetate	Silicone Oils
Aluminum Acetate	Copper Sulfate	Lead Nitrate	Silver Nitrate
Aluminum Chloride	Denatured Alcohol	Lead Sulfamate	Skydrol 500
Aluminum Fluoride	Detergent Solutions	Lime Bleach	Skydrol 7000
Aluminum Nitrate	Diacetone	Lime Sulfur	Soap Solutions
Aluminum Phosphate	Diacetone Alcohol	Lindol	Soda Ash
Aluminum Sulfate	Diethylene Glycol	Lye	Sodium Acetate
Ammonia	Diisopropyl Ketone	Magnesium Chloride	Sodium Bicarbonate
Ammonium Chloride	Ethyl Alcohol	Magnesium Hydroxide	Sodium Bisulfite
Ammonium Hydroxide	Ethyl Benzoate	Magnesium Sulfate	Sodium Borate
Ammonium Nitrate	Ethyl Oxalate	Mercury	Sodium Chloride
Ammonium Nitrite	Ethyl Silicate	Mercury Chloride	Sodium Cyanide
Ammonium Persulfate	Ethylene Diamine	Methyl Acetate	Sodium Hydroxide
Ammonium Phosphate	Ethylene Glycol	Methyl Alcohol	Sodium Metaphosphate
Ammonium Sulfate	Fluorinated Cyclic Ethers	Methyl Butyl Ketone	Sodium Nitrate
Amyl Alcohol	Fluoroboric Acid	Methyl Ethyl Ketone	Sodium Perborate
Aniline	Fluorocarbon Oils	Milk	Sodium Peroxide
Aniline Dyes	Fluorolube	Monoethanol Amine	Sodium Phosphate
Aroclor, 1260	Formaldehyde	Mustard Gas	Sodium Silicate
Arsenic Acid	Formic Acid	N-Hexaldehyde	Sodium Sulfate
Barium Chloride	Freon 114	Nickel Acetate	Sodium Thiosulfate
Barium Hydroxide	Freon 115	Nickel Chloride	Stannic Chloride
Barium Sulfate	Freon 13	Nickel Sulfate	Stannous Chloride
Barium Sulfide	Freon 13B1	Niter Cake	Steam
Beer	Freon 152b	Nitrobenzene	Sucrose Solution
Beet Sugar Liqours	Freon 218	Nitrogen	Sulfur
Benzaldehyde	Freon 22	Oxalic Acid	Sulfur Dioxide
Benzyl Alcohol	Freon 31	Oxygen	Sulfur Hexafluoride
Bleach Solutions	Freon 32	Ozone	Tannic Acid
Borax	Freon 502	Phosphoric Acid-20%	Tetrabutyl Titanate
Bordeaux Mixture	Freon C316	Phosphoric Acid-45%	Trethanol Amine

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Brine	Freon C318	Phosphorus Trichloride	Triacetin
Butter	Freon T-P35	Plating Solution- Chrome	Triaryl Phosphate
Butyl Acetate Ricinoleate	Fyrquel	Plating Solution- Others	Tributoxy Ethyl Phosphate
Butyl Carbitol	Gelatin	Polyvinyl Acetate Emulsion	Trioctyl Phosphate
Butyl Cellosolve	Glucose	Potassium Acetate	Usymmetrical Dimethyl Hydrazine
Calcium Acetate	Glue	Potassium Chloride	Versilube F-50
Calcium Chloride	Glycerin	Potassium Cupro Cyanide	Vinegar
Calcium Hydroxide	Glycols	Potassium Cyanide	Wagner 21B Brake Fluid
Calcium Hypochlorite	Green Sulfate Liquor	Potassium Dichromate	Water
Calcium Nitrate	Hydrazine	Potassium Hydroxide	Whiskey, Wines
Calcium Sulfide	Hydrobromic Acid	Potassium Nitrate	Zeolites
Cane Sugar Liqours	Hydrobromic Acid 40%	Potassium Sulfate	Zinc Acetate
Carbon Monoxide	Hydrochloric Acid 37%	Propyl Acetone	Zinc Chloride
Carbonic Acid	Hydrocyanic Acid	Propyl Alcohol	Zinc Sulfate