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Catalog of

POLYAMID HOSES

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FLUID COMPATIBILITY

LEGEND OF SYMBOLS / PREGLED SIMBOLA:

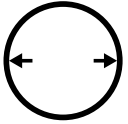
0 = Excellent (odlično) **X** = Good (dobro) **+** = Fair (slabo) **-** = Limited use (ograničena upotreba)

| TYPE OF FLUID | GĀ | M | H | T | V2 | V3 |
|---------------------------|-----------|----|------------|----------|-----------------|----------|
| | DIN 73379 | R6 | R3, R4, R5 | FIS 8204 | SAE 100, R1, R2 | DIN 2076 |
| Alcohol | x | x | 0 | 0 | x | x |
| Alaun (Kind of clay) | 0 | 0 | 0 | 0 | 0 | 0 |
| Aluminium chloride | 0 | 0 | 0 | 0 | 0 | 0 |
| Aluminium-fluoride 20% | 0 | 0 | 0 | 0 | 0 | 0 |
| Aluminium-sulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Hot ammonia gas | + | + | x | 0 | + | + |
| Cold ammonia gas | 0 | 0 | 0 | 0 | 0 | 0 |
| Dry ammonia | - | - | - | - | - | - |
| Ammonia | 0 | 0 | x | 0 | 0 | 0 |
| Ammonium-chloride | 0 | 0 | x | 0 | 0 | 0 |
| Ammonium-hydroxide | x | x | x | x | x | x |
| Ammonium-nitrate | 0 | 0 | 0 | 0 | 0 | 0 |
| Ammonium-phosphate | 0 | 0 | 0 | 0 | 0 | 0 |
| Ammonium-sulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Amyl-alcohol | 0 | 0 | 0 | 0 | 0 | 0 |
| Amyl-acetate | - | - | - | 0 | - | - |
| Aniline (oil) | - | - | + | 0 | - | - |
| Anilin (color) | x | x | x | x | x | x |
| Asphalt | x | x | x | 0 | x | x |
| Acetate-solvent | - | - | - | 0 | - | - |
| Crude acetate-solvent | - | - | - | 0 | - | - |
| Acetone | - | - | - | 0 | - | - |
| Acetylene | 0 | 0 | x | 0 | 0 | 0 |
| Crude nitric acid | - | - | - | 0 | - | - |
| Nitric acid 10% | - | - | + | 0 | - | - |
| Nitric acid 70% | - | - | - | 0 | - | - |
| Barium-chloride | 0 | 0 | 0 | 0 | 0 | 0 |
| Barium hydroxide | 0 | 0 | 0 | x | 0 | 0 |
| Barium-sulfide | 0 | 0 | 0 | 0 | 0 | 0 |
| Gasoline | 0 | 0 | x | 0 | 0 | 0 |
| Benzol | + | + | - | 0 | + | + |
| Borax | 0 | 0 | 0 | 0 | 0 | 0 |
| Boron acid | 0 | 0 | 0 | 0 | 0 | 0 |
| Bromine | - | - | - | 0 | - | - |
| Bromine acid | - | - | - | 0 | - | - |
| Butane | - | - | - | 0 | - | - |
| Butanon | - | - | - | 0 | - | - |
| Butanol | 0 | 0 | 0 | 0 | 0 | 0 |
| Butane acetate | - | - | - | - | 0 | 0 |
| Butylene | 0 | 0 | + | + | 0 | 0 |
| Copper chloride | x | x | 0 | 0 | x | x |
| Copper sulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Zinc chloride | + | + | + | 0 | + | + |
| Zinc sulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Citron acid | x | x | x | 0 | x | x |
| Light engine oil | 0 | 0 | + | 0 | 0 | 0 |
| Dimethanol benzene | + | + | - | 0 | + | + |
| Ether | + | + | + | 0 | + | + |
| Ethyl alcohol | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethyl-acetate | - | - | - | 0 | - | - |
| Ethyl chloride | - | - | x | 0 | - | - |
| Ethil-glicol | - | - | - | 0 | - | - |
| Cellulose ethyl | x | x | x | 0 | x | x |
| Ethylene dichloride | + | + | - | 0 | + | + |
| Ethylene glycol | 0 | 0 | 0 | 0 | 0 | 0 |
| Ethereat oils | + | + | + | 0 | + | + |
| Varnish | - | - | - | 0 | - | - |
| Fluorsilicione acid | x | x | x | 0 | x | x |
| Hot liquid acid | - | - | - | 0 | - | - |
| Cold liquid acid | - | - | - | 0 | - | - |
| Formaldehyde | 0 | 0 | + | 0 | 0 | 0 |
| Frygene F-12 | - | - | - | - | - | - |
| Frygene F-13 | - | - | - | - | - | - |
| Frygene F-22 | - | - | - | - | - | - |
| Phurphurate | - | - | + | 0 | - | - |
| Phosphoric acid | + | + | + | 0 | + | + |
| Iron chloride | 0 | 0 | 0 | 0 | 0 | 0 |
| Iron sulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Iron salts solutions | x | x | x | 0 | x | x |
| Glucose | 0 | 0 | 0 | 0 | 0 | 0 |
| Glcentine | 0 | 0 | x | 0 | 0 | 0 |
| Glycerine, glycerale | 0 | 0 | 0 | 0 | 0 | 0 |
| Blast furnace gas | - | - | - | 0 | - | - |
| Chlorine acetone | - | - | - | 0 | - | - |
| Chlorine gas | - | - | - | - | - | - |
| Chloroform | - | - | - | 0 | - | - |
| Chlorine sulfone acid | - | - | - | 0 | - | - |
| Chlorine hydrogen | - | - | - | - | - | - |
| Chloric acid | - | - | - | 0 | - | - |
| Heptane | 0 | 0 | 0 | + | 0 | 0 |
| Hexane | 0 | 0 | 0 | + | 0 | 0 |
| Potassium chloride | 0 | 0 | 0 | 0 | 0 | 0 |
| Potassium hydroxide | + | + | + | 0 | + | + |
| Potassium sulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Potassium cyanide | 0 | 0 | 0 | 0 | 0 | 0 |
| Calcium bisulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Calcium chloride | 0 | 0 | 0 | 0 | 0 | 0 |
| Calcium hydroxide | 0 | 0 | 0 | 0 | 0 | 0 |
| Calcium hypochlorite | - | - | - | 0 | - | - |
| Carbolineum | 0 | 0 | 0 | 0 | 0 | 0 |
| Carbolic acid-phenol | - | - | - | 0 | - | - |
| Coke-oven gas | + | + | + | + | + | + |
| Corn oil | 0 | 0 | x | 0 | 0 | 0 |
| Oxygen | + | + | + | + | + | + |
| Lacquer | x | x | x | 0 | x | x |
| Paste | 0 | 0 | 0 | 0 | 0 | 0 |
| Linseed oil | 0 | 0 | x | 0 | 0 | 0 |
| Linden oil | - | - | - | 0 | - | - |
| Hydraulic oil | 0 | 0 | 0 | 0 | 0 | 0 |
| Magnesium chloride | 0 | 0 | 0 | 0 | 0 | 0 |
| Magnesium hydroxide | x | x | x | 0 | x | x |
| Magnesium sulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Points | - | - | - | 0 | - | - |
| Methyl alcohol | 0 | 0 | 0 | 0 | 0 | 0 |
| Methyl chloride | - | - | - | - | 0 | - |
| Methyl isopropil ketone | - | - | - | - | 0 | - |
| Milk | x | x | x | x | 0 | x |
| Milk acid | + | + | + | 0 | + | + |
| Mineral oils | 0 | 0 | x | 0 | 0 | 0 |
| Naphtha | 0 | 0 | 0 | 0 | 0 | 0 |
| Naphthalene | + | + | + | 0 | + | + |
| Sodium bisulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Sodium chloride | 0 | 0 | 0 | 0 | 0 | 0 |
| Sodium hydroxide | + | + | + | 0 | - | - |
| Sodium hypochlorite | - | - | - | 0 | - | - |
| Sodium carbonate | 0 | 0 | 0 | 0 | 0 | 0 |
| Sodium metaphosphate | 0 | 0 | + | 0 | 0 | 0 |
| Sodium nitrate | - | - | - | 0 | - | - |
| Sodium perbonate | - | - | - | 0 | - | - |
| Sodium peroxide | - | - | - | 0 | - | - |
| Sodium phosphate | x | x | + | 0 | x | x |
| Sodium silicate | 0 | 0 | 0 | 0 | 0 | 0 |
| Sodium sulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Sadium sulfide | + | + | + | + | + | + |
| Sodium thiosulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Natrium cianid | 0 | 0 | 0 | 0 | 0 | 0 |
| Nickel chloride | 0 | 0 | 0 | 0 | 0 | 0 |
| Nickel sulfate | 0 | 0 | 0 | 0 | 0 | 0 |
| Nitrobenzol | - | - | - | 0 | - | - |
| Oxalic acids | x | x | x | x | x | x |
| Beer | + | + | 0 | 0 | + | + |
| Blue acid | - | - | - | 0 | - | - |
| Steam | + | + | + | 0 | + | + |
| Palmytene acids | 0 | 0 | 0 | 0 | 0 | 0 |
| Perchlaretylene | - | - | - | 0 | - | - |
| Petroleum (Keroseine) | 0 | 0 | x | 0 | 0 | 0 |
| Petroleum (etheral) | x | x | + | 0 | x | x |
| Petroleum (of naphtha) | x | x | + | 0 | x | x |
| Liquid pycrine acid | + | + | + | 0 | + | + |
| Diluted pycrine acid | + | + | + | 0 | + | + |
| Pydraul F-9 | - | - | - | 0 | - | - |
| Pydraul 150 | - | - | - | 0 | - | - |
| Pydraul 600 | - | - | - | 0 | - | - |
| Castor oil | 0 | 0 | 0 | 0 | 0 | 0 |
| Acetic acid | - | - | - | 0 | - | - |
| Acetic acid-vapor | x | x | + | 0 | x | x |
| Acetic acid-diluted | + | + | + | 0 | + | + |
| Acetic acid without water | x | x | x | 0 | - | - |
| Crude oil (naphtha) | 0 | 0 | 0 | 0 | 0 | 0 |
| Co salt acid | - | - | - | 0 | - | - |
| Sulfur | x | x | + | 0 | x | x |
| Sulfur chloride | + | + | + | + | + | + |
| Sulfur dioxide | + | + | + | 0 | + | + |
| Sulfur trioxide | + | + | + | 0 | + | + |
| Warmed sulfuric acids 10% | + | + | + | 0 | + | + |
| Cold sulfuric | 0 | 0 | 0 | 0 | 0 | 0 |
| Hot sulfuric acid 75% | - | - | - | 0 | - | - |
| Cold sulfuric acid 75% | + | + | + | 0 | + | + |
| Hot sulfuric acid 95% | - | - | - | 0 | - | - |
| Cold sulfuric acid 95% | - | - | - | 0 | - | - |
| Pure sulfuric acid | - | - | - | 0 | - | - |
| Sulfurous acid | + | + | + | 0 | + | + |
| Sulfur hydrogen | + | + | x | 0 | + | + |
| Liquid soap | 0 | 0 | x | 0 | 0 | 0 |
| Skydrol 500 | - | - | - | 0 | - | - |
| Skydrol 700 | - | - | - | 0 | - | - |
| Soybean oil | 0 | 0 | x | 0 | 0 | 0 |
| Salt solutions | 0 | 0 | 0 | 0 | 0 | 0 |
| Edible vinegar | + | + | + | 0 | + | + |
| Stearic acid | x | x | + | 0 | x | x |
| Syflne colour-green | 0 | 0 | 0 | 0 | 0 | 0 |
| Syflne colour-black | 0 | 0 | 0 | 0 | 0 | 0 |
| Tar | + | + | + | 0 | + | + |
| Turpentine | x | x | - | 0 | x | x |
| Carbon tetrachloride | + | + | - | 0 | + | + |
| Ethylane chloride | - | - | - | 0 | - | - |
| Toluol | - | - | - | 0 | - | - |
| Cottonseed oil | 0 | 0 | x | 0 | 0 | 0 |
| Heating oil | 0 | 0 | x | 0 | 0 | 0 |
| Oil acids | x | x | + | 0 | x | x |
| Lubricating oil | 0 | 0 | x | 0 | 0 | 0 |
| Carbon dioxide | 0 | 0 | 0 | 0 | 0 | 0 |
| Carbon disulfide | - | - | - | 0 | - | - |
| Dry carbon monoxide | - | - | - | - | - | - |
| Carbonic acid | 0 | 0 | 0 | 0 | 0 | 0 |
| Air | 0 | 0 | 0 | 0 | 0 | 0 |
| Vaseline | 0 | 0 | x | 0 | 0 | 0 |
| Water | 0 | 0 | + | 0 | 0 | 0 |
| Hydrogen | + | + | + | + | + | + |
| Hydrogen perhydrat | - | - | - | 0 | - | - |
| Hydrogen peroxide | x | x | x | 0 | x | x |
| Vinous acid | + | + | + | 0 | + | + |
| Whiskey and wine | + | + | + | 0 | + | + |
| Polluted waters | 0 | 0 | x | 0 | 0 | 0 |
| Natural gas | 0 | 0 | 0 | + | 0 | 0 |
| Warmed air | + | + | + | 0 | + | + |
| Gelatin | 0 | 0 | 0 | 0 | 0 | 0 |
| Quicksilver | 0 | 0 | 0 | 0 | 0 | 0 |
| Quicksilver chloride | x | x | + | 0 | x | x |
| Chilean saltpeter | 0 | 0 | 0 | 0 | 0 | 0 |
| Impregnation acid | + | + | 0 | 0 | + | + |
| Sugar | 0 | 0 | 0 | 0 | 0 | 0 |
| Sugar solution | 0 | 0 | 0 | 0 | 0 | 0 |

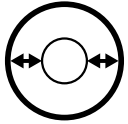
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Legend of

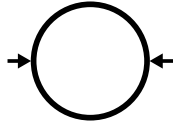
SYMBOLS



INSIDE
DIAMETER



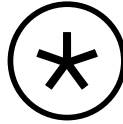
REINFORCEMENT
DIAMETER



OUTSIDE
DIAMETER



WORKING
PRESSURE



BURST
PRESSURE



MINIMUM BEND
RADIUS



WEIGHT

RILSAN® PA11, TYPE S40 TUBES-PHL / POLIAMIDNA CREVA P11

| HOSE SIZE VELIČINA CREVA | | | | | | | | | | | | | | | | CODE/ŠIFRA |
|-----------------------------|------|--------------------|------|---------------------------|------|---------------------|------|---------------------|-----|-------------------|------|------------------------|-------|--------|-------|-------------|
| | | INSIDE DIAMETER | | REINFORCEMENT DIAMETER | | OUTSIDE DIAMETER | | WORKING PRESSURE | | BURST PRESSURE | | MINIMUM BEND RADIUS | | WEIGHT | | |
| DN | dash | mm | inch | mm | inch | mm | inch | bar | psi | bar | psi | mm | inch | g/m | lb/ft | |
| 2/4 | | 2 | | | | 4 | | 44 | 640 | 132 | 1920 | 16 | 0,63 | 10 | 0,070 | POA-044-002 |
| 3/5 | | 3 | | | | 5 | | 33 | 480 | 100 | 1440 | 20 | 0,79 | 13 | 0,090 | POA-033-003 |
| 4/6 | | 4 | | | | 6 | | 28 | 405 | 84 | 1215 | 30 | 1,18 | 17 | 0,011 | POA-028-004 |
| 6/8 | | 6 | | | | 8 | | 20 | 290 | 60 | 870 | 40 | 1,57 | 23 | 0,016 | POA-020-006 |
| 6/9 | | 6 | | | | 9 | | 28 | 405 | 84 | 1215 | 45 | 1,77 | 37 | 0,025 | POA-028-006 |
| 8/10 | | 8 | | | | 10 | | 16 | 230 | 48 | 690 | 60 | 2,36 | 30 | 0,020 | POA-016-008 |
| 8/11 | | 8 | | | | 11 | | 21 | 305 | 64 | 915 | 60 | 2,36 | 47 | 0,032 | POA-021-008 |
| 9/12 | | 9 | | | | 12 | | 20 | 290 | 60 | 870 | 60 | 2,36 | 52 | 0,035 | POA-020-009 |
| 10/12 | | 10 | | | | 12 | | 12 | 175 | 36 | 525 | 85 | 3,35 | 36 | 0,024 | POA-012-010 |
| 12/14 | | 12 | | | | 14 | | 10 | 145 | 30 | 435 | 90 | 3,54 | 43 | 0,029 | POA-010-012 |
| 12,5/15 | | 12,5 | | | | 15 | | 12 | 175 | 36 | 525 | 100 | 3,94 | 57 | 0,039 | POA-012-012 |
| 14/16 | | 14 | | | | 16 | | 9 | 130 | 26 | 390 | 120 | 4,72 | 50 | 0,034 | POA-009-014 |
| 15/18 | | 15 | | | | 18 | | 12 | 175 | 36 | 525 | 140 | 5,51 | 82 | 0,055 | POA-012-015 |
| 16/20 | | 16 | | | | 20 | | 16 | 230 | 48 | 690 | 200 | 7,87 | 119 | 0,080 | POA-016-016 |
| 19/22 | | 19 | | | | 22 | | 9 | 130 | 28 | 390 | 250 | 9,84 | 100 | 0,068 | POA-009-019 |
| 22/28 | | 22 | | | | 28 | | 16 | 230 | 48 | 690 | 310 | 12,20 | 250 | 0,169 | POA-016-022 |

Customer can choose other: diameter, pressure and color / Po zahtevu kupca mogu se izraditi drugi: prečnici, pritisak creva i boje.

INFO:**APPLICATIONS**

NB: the black tube is suitable for outdoor applications.

WORKING TEMPERATURE of fluids containing water +70°C

MAX WORKING TEMPERATURE: from -40°C to 80°C

INFO:**PRIMENA**

NB: crno crevo je pogodno za spoljnu upotrebu

RADNA TEMPERATURA maks. ako fluid sadrži vodu +70°C

MAKSIMALNA RADNA TEMPERATURA: od -40°C do 80°C

