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Catalog of

# SPIRAL SUCTION-DELIVERY HOSES

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SPIRAL SUCTION-DELIVERY EPDM FOR CHEMICAL HOSES / SPIRALNA USISNO-POTISNA EPDM  
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# FLUID COMPATIBILITY

## LEGEND OF SYMBOLS / PREGLED SIMBOLA:

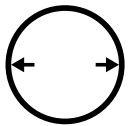
0 = Excellent (odlično) X = Good (dobro) + = Fair (slabo) - = Limited use (ograničena upotreba)

| 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        |
| Sodium 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        |
| Perchlaetylene            | -         | -  | -          | 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        | +               | +        |
| Ethylene trichloride      | -         | -  | -          | 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        |

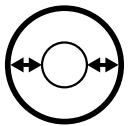
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Legend of

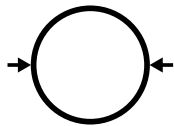
# SYMBOLS



INSIDE  
DIAMETER



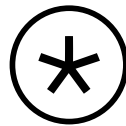
REINFORCEMENT  
DIAMETER



OUTSIDE  
DIAMETER



WORKING  
PRESSURE



BURST  
PRESSURE



MINIMUM BEND  
RADIUS



WEIGHT

## SPIRAL SUCTION-DELIVERY OF ABRASIVE MATERIALS HOSE USISNO-POTISNA SPIRALNA CREVA ZA ABRAZIVNE MATERIJALE

| HOSE SIZE<br>VELIČINA CREVA   |      | INSIDE<br>DIAMETER |        | REINFORCEMENT<br>DIAMETER |      | OUTSIDE<br>DIAMETER |      | WORKING<br>PRESSURE |     | BURST<br>PRESSURE |     | MINIMUM BEND<br>RADIUS |      | WEIGHT |       | CODE/ŠIFRA  |
|---|------|--------------------|--------|---------------------------|------|---------------------|------|---------------------|-----|-------------------|-----|------------------------|------|--------|-------|-------------|
|   |      | mm                 | inch   | mm                        | inch | mm                  | inch | bar                 | psi | bar               | psi | mm                     | inch | g/m    | lb/ft |             |
| DN  | dash |                    |        |                           |      |                     |      |                     |     |                   |     |                        |      |        |       |             |
| 35  |      | 35                 | 1-3/8" |                           |      | 51                  |      | 10                  | 150 | 30                | 450 |                        |      | 1400   |       | UPA-010-035 |
| 38  |      | 38                 | 1-1/2" |                           |      | 54                  |      | 10                  | 150 | 30                | 450 |                        |      | 1550   |       | UPA-010-038 |
| 50  |      | 50                 | 2"     |                           |      | 67                  |      | 10                  | 150 | 30                | 450 |                        |      | 2000   |       | UPA-010-050 |
| 63  |      | 63                 | 2-1/2" |                           |      | 81                  |      | 10                  | 150 | 30                | 450 |                        |      | 2550   |       | UPA-010-063 |
| *75   |      | 76                 | 3"     |                           |      | 93                  |      | 10                  | 150 | 30                | 450 |                        |      | 2950   |       | UPA-010-075 |
| ** 102  |      | 102                | 4"     |                           |      | 122                 |      | 10                  | 150 | 30                | 450 |                        |      | 4880   |       | UPA-010-102 |
| ** 125  |      | 127                | 5"     |                           |      | 150                 |      | 10                  | 150 | 30                | 450 |                        |      | 6900   |       | UPA-010-125 |
| ** 150  |      | 152                | 6"     |                           |      | 172                 |      | 10                  | 150 | 30                | 450 |                        |      | 8300   |       | UPA-010-150 |
| ** 200  |      | 204                | 8"     |                           |      | 226                 |      | 10                  | 150 | 30                | 450 |                        |      | 14100  |       | UPA-010-200 |
| ** 250  |      | 254                | 10"    |                           |      | 279                 |      | 10                  | 150 | 30                | 450 |                        |      | 18500  |       | UPA-010-250 |
| * Lenght maximum L=15m / Maksimalna dužina L=15m  |      |                    |        |                           |      |                     |      |                     |     |                   |     |                        |      |        |       |             |
| ** Lenght maximum L=12m, customer can choose other diameter, pressure / Maksimalna dužina L=12m, po zahtevu kupca mogu se izraditi drugi prečnici i pritisak. |      |                    |        |                           |      |                     |      |                     |     |                   |     |                        |      |        |       |             |

**INFO:**

**TUBE** - Smooth black electrically conductive NR/SBR rubber abrasion resistant 55mm<sup>3</sup>, according to DIN 53516

**REINFORCEMENT** - Multiple textile plies with stiele wire helix.

**COVER** - Wrapped black electrically conductive NR/SBR rubber.

**MAIN APPLICATIONS TYPES**

Suction and discharge of abrasive materials.

**RECOMMENDED FLUIDS** - For dry or wet abrasive materials.

**APPLICABLE SPECS:** None applicable.

**CONTINUOUS SERVICE:** -30°C / +70°C

**MAX OPERATING TEMPERATURE:** +70°C

**INFO:**

**DONJA GUMA** - Glatka, crna, elektroprovodiva NR/SBR visoko abrazivna guma 55mm<sup>3</sup>, po DIN 53516

**OJAČANJE** - Više tekstilnih kordova i čelična žica.

**OBLOGA** - Sa otiskom tekstila, crna, elektroprovodiva, otporna NR/SBR guma.

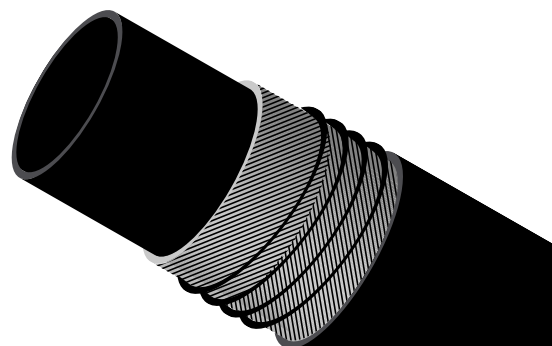
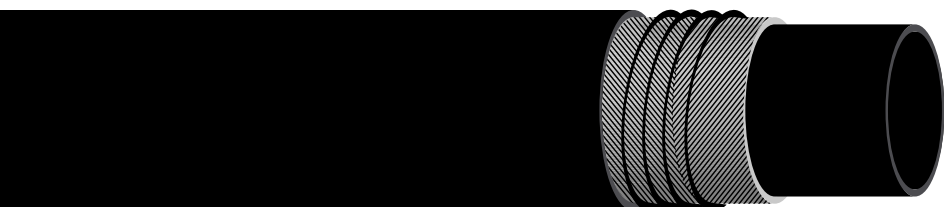
**PRIMENA** - Niski pritisak, usis, povratni vod, za abrazivne materijale.

**PREPORUČENI FLUIDI** - Suvi i mokri abrazivni materijali.

**STANDARD:** Ne definiše industrijski standard.

**TEMPERATURNI OPSEG:** -30°C / +70°C

**MAKSIMALNI TEMPERATURNI OPSEG:** +70°C



## TANK HOSES WITH STEEL HELIX GUMENA CREVA ZA NAFTU SA ČELIČNOM SPIRALOM

| HOSE SIZE<br>VELIČINA CREVA |      | INSIDE DIAMETER |        | MAX VACUUM | OUTSIDE DIAMETER |      | WORKING PRESSURE |     | BURST PRESSURE |     | MINIMUM BEND RADIUS |      | WEIGHT |       | CODE/ŠIFRA  |
|-----------------------------|------|-----------------|--------|------------|------------------|------|------------------|-----|----------------|-----|---------------------|------|--------|-------|-------------|
|                             |      | mm              | inch   | bar        | mm               | inch | bar              | psi | bar            | psi | mm                  | inch | g/m    | lb/ft |             |
| DN                          | dash |                 |        |            |                  |      |                  |     |                |     |                     |      |        |       |             |
| 19                          |      | 19              | 3/4"   | 0,8        | 31               |      | 20               |     | 30             |     | 70                  |      | 800    |       | UPN-020-019 |
| 25                          |      | 25              | 1"     | 0,8        | 37               |      | 20               |     | 30             |     | 80                  |      | 890    |       | UPN-020-025 |
| 32                          |      | 32              | 1-1/4" | 0,8        | 44               |      | 20               |     | 30             |     | 90                  |      | 1150   |       | UPN-020-032 |
| 38                          |      | 38              | 1-1/2" | 0,8        | 51               |      | 20               |     | 30             |     | 100                 |      | 1400   |       | UPN-020-038 |
| 50                          |      | 50              | 2"     | 0,8        | 66               |      | 20               |     | 30             |     | 130                 |      | 2050   |       | UPN-020-050 |
| 63                          |      | 63              | 2-1/2" | 0,8        | 79               |      | 20               |     | 30             |     | 160                 |      | 2800   |       | UPN-020-063 |
| 75                          |      | 75              | 3"     | 0,8        | 91               |      | 20               |     | 30             |     | 180                 |      | 3250   |       | UPN-020-075 |
| 80                          |      | 80              | -      | 0,8        | 96               |      | 20               |     | 30             |     | 190                 |      | 3500   |       | UPN-020-080 |
| 100                         |      | 100             | 4"     | 0,8        | 116              |      | 16               |     | 25             |     | 250                 |      | 4700   |       | UPN-016-100 |
| 125                         |      | 125             | 5"     | 0,8        | 145              |      | 16               |     | 25             |     | 350                 |      | 7500   |       | UPN-016-125 |
| 150                         |      | 150             | 6"     | 0,8        | 172              |      | 16               |     | 25             |     | 500                 |      | 9800   |       | UPN-016-150 |
| 200                         |      | 200             | 8"     | 0,8        | 224              |      | 16               |     | 25             |     | 1000                |      | 14500  |       | UPN-016-200 |
| 250                         |      | 200             | 10"    | 0,8        | 276              |      | 10               |     | 15             |     | 2000                |      | 22800  |       | UPN-010-250 |

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

**INFO:**

**TUBE** - Smooth black quality NBR, conductive no fuel solubility.

**REINFORCEMENT** - Textile braids and embedded nonkinking galvanised steel helix in the conductive layer.

**COVER** - Wrapped black non marking rubber chloroprene (CR) black, conductive.

**APPLICATIONS** - Suitable for use as a suction-discharge hose for all petroleum based products.

Electrical conductivity <math>10^6\Omega\text{m}</math>

**APPLICABLE SPECS:** EN 1361; EN 12115

**CONTINUOUS SERVICE:** -40°C / +100°C

**INFO:****DONJA GUMA**

Glatka, crna, NBR provodna guma nerastvorljiva na goriva.

**OJAČANJE** - Poliester kord i čelična spirala.

**OBLOGA** - Crna, hloroprenska CR guma.

**PRIMENA**

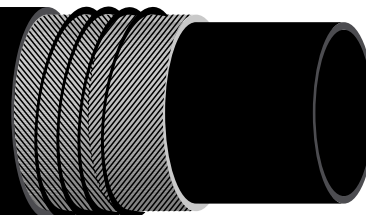
Niski pritisak, usis, povratni vod, za abrazivne materijale.

**PREPORUČENI FLUIDI** - Pogodno za naftu i derivate.

Elektro provodnost <math>10^6\Omega\text{m}</math>

**STANDARD:** EN 1361; EN 12115

**TEMPERATURNI OPSEG:** -40°C / +100°C



## SPIRAL SUCTION-DELIVERY HOSES FOR FLOW OF BEVERAGES USISNO-POTISNA CREVA ZA PROTOK PREHRAMBENIH FLUIDA

| HOSE SIZE<br>VELIČINA CREVA |  | INSIDE DIAMETER |        | REINFORCEMENT DIAMETER |      | OUTSIDE DIAMETER |      | WORKING PRESSURE |     | BURST PRESSURE |     | MINIMUM BEND RADIUS |      | WEIGHT |       | CODE/ŠIFRA  |
|-----------------------------|--|-----------------|--------|------------------------|------|------------------|------|------------------|-----|----------------|-----|---------------------|------|--------|-------|-------------|
|                             |  | mm              | inch   | mm                     | inch | mm               | inch | bar              | psi | bar            | psi | mm                  | inch | g/m    | lb/ft |             |
| 19                          |  |                 | 3/4"   |                        |      | 31               |      | 10               |     | 30             |     | 50                  |      | 650    |       | UPP-010-019 |
| 22                          |  |                 | 7/8"   |                        |      | 34               |      | 10               |     | 30             |     | 50                  |      | 700    |       | UPP-010-022 |
| 25                          |  |                 | 1"     |                        |      | 37               |      | 10               |     | 30             |     | 55                  |      | 750    |       | UPP-010-025 |
| 28                          |  |                 | 1-1/8" |                        |      | 40               |      | 10               |     | 30             |     | 65                  |      | 890    |       | UPP-010-028 |
| 32                          |  |                 | 1-1/4" |                        |      | 44               |      | 10               |     | 30             |     | 70                  |      | 930    |       | UPP-010-032 |
| 35                          |  |                 | 1-3/8" |                        |      | 49               |      | 10               |     | 30             |     | 75                  |      | 1150   |       | UPP-010-035 |
| 38                          |  |                 | 1-1/2" |                        |      | 52               |      | 10               |     | 30             |     | 80                  |      | 1300   |       | UPP-010-038 |
| 50                          |  |                 | 2"     |                        |      | 64               |      | 10               |     | 30             |     | 110                 |      | 1950   |       | UPP-010-050 |
| 63                          |  |                 | 2-1/2" |                        |      | 79               |      | 10               |     | 30             |     | 140                 |      | 2500   |       | UPP-010-063 |
| * 75                        |  |                 | 3"     |                        |      | 92               |      | 10               |     | 30             |     | 170                 |      | 2800   |       | UPP-010-075 |
| * 102                       |  |                 | 3"     |                        |      | 122              |      | 10               |     | 30             |     | 220                 |      | 4700   |       | UPP-010-102 |

\* Length maximum L=15m, customer can choose other diameter, pressure and color / Maksimalna dužina L=15m, po zahtevu kupca mogu se izraditi drugi: prečnici, pritisak i boja.

### INFO:

**TUBE** - Smooth white food quality EPDM rubber.

**REINFORCEMENT** - Polyester cord and steel wire helix.

**COVER** - Wrapped orange non marking EPDM rubber.

**APPLICATIONS** - Suitable for conveying liquid food stuffs, in particular milk and dairy products, animal and vegetable oils and fats. Also for cleaning in dairies, food production plants, hot water and cold water hose.

### PAY ATTENTION

TO MEET THE HIGH DEMANDS ASSOCIATED WITH CONTINUOUS STEAM OPERATION WE RECOMMEND UHMWPE.

**CONFORMING TO STANDARD:** FDA approved materials.

**APPLICABLE SPECS:** SRPS G.C6.022

**CONTINUOUS SERVICE:** -40°C / +100°C

**MAX OPERATING TEMPERATURE:** +120°C

### INFO:

**DONJA GUMA** - Glatka, bela, prehrambena EPDM guma.

**OJAČANJE** - Poliester kord i čelična žica.

**OBLOGA** - Narandžasta EPDM guma.

**PRIMENA** - Pogodno za protok tečnih prehrambenih namirnica, piva, mleka i mlečnih proizvoda, životinjskih i biljnih ulja i masti. Takođe je pogodno crevo za čišćenje u prehrambenoj industriji sa toplom ili hladnom vodom.

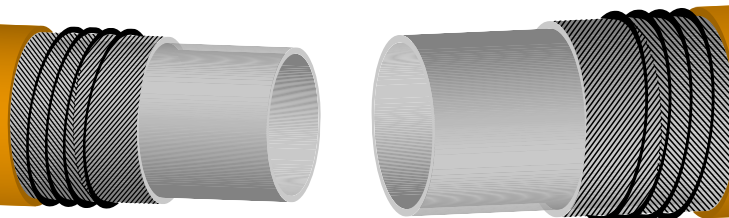
### OBRATITE PAŽNJU

DA BI SE ZADOVOLJILI ZAHTEVI ZA KONTINUALNO KORIŠĆENJE VISOKIH TEMPERATURA PREPORUČUJEMO PROIZVODE UHMWPE.

**STANDARD:** SRPS G.C6.022

**MATERIJAL ZADOVOLJAVA:** FDA

**TEMPERATURNI OPSEG:** -40°C / +100°C, ne dugo do 120°C



## SPIRAL SUCTION-DELIVERY WATER HOSE USISNO-POTISNA SPIRALNA CREVA ZA VODU

| HOSE SIZE<br>VELIČINA CREVA |  | INSIDE<br>DIAMETER |         | REINFORCEMENT<br>DIAMETER |      | OUTSIDE<br>DIAMETER |      | WORKING<br>PRESSURE |     | BURST<br>PRESSURE |     | MINIMUM BEND<br>RADIUS |      | WEIGHT |       | CODE/ŠIFRA  |
|-----------------------------|--|--------------------|---------|---------------------------|------|---------------------|------|---------------------|-----|-------------------|-----|------------------------|------|--------|-------|-------------|
|                             |  | mm                 | inch    | mm                        | inch | mm                  | inch | bar                 | psi | bar               | psi | mm                     | inch | g/m    | lb/ft |             |
| 28                          |  | 28                 | 1-1/8"  |                           |      | 38                  |      | 10                  | 150 | 30                | 450 |                        |      |        | 830   | UPV-010-028 |
| 30                          |  | 31                 | 1-3/16" |                           |      | 41                  |      | 10                  | 150 | 30                | 450 |                        |      |        | 950   | UPV-010-030 |
| 35                          |  | 35                 | 1-3/8"  |                           |      | 46                  |      | 10                  | 150 | 30                | 450 |                        |      |        | 1110  | UPV-010-035 |
| 38                          |  | 38                 | 1-1/2"  |                           |      | 49                  |      | 10                  | 150 | 30                | 450 |                        |      |        | 1250  | UPV-010-038 |
| 50                          |  | 50                 | 2"      |                           |      | 61                  |      | 10                  | 150 | 30                | 450 |                        |      |        | 1550  | UPV-010-050 |
| * 63                        |  | 63                 | 2-1/2"  |                           |      | 75                  |      | 10                  | 150 | 30                | 450 |                        |      |        | 2190  | UPV-010-063 |
| * 75                        |  | 76                 | 3"      |                           |      | 89                  |      | 10                  | 150 | 30                | 450 |                        |      |        | 3030  | UPV-010-075 |
| ** 102                      |  | 102                | 4"      |                           |      | 117                 |      | 10                  | 150 | 30                | 450 |                        |      |        | 4400  | UPV-010-102 |
| ** 125                      |  | 127                | 5"      |                           |      | 144                 |      | 10                  | 150 | 30                | 450 |                        |      |        | 6300  | UPV-010-125 |
| ** 150                      |  | 152                | 6"      |                           |      | 173                 |      | 10                  | 150 | 30                | 450 |                        |      |        | 9390  | UPV-010-150 |
| ** 200                      |  | 204                | 8"      |                           |      | 226                 |      | 10                  | 150 | 30                | 450 |                        |      |        | 14100 | UPV-010-200 |
| ** 250                      |  | 254                | 10"     |                           |      | 279                 |      | 10                  | 150 | 30                | 450 |                        |      |        | 18500 | UPV-010-250 |
| *** 300                     |  | 304                | 12"     |                           |      | 332                 |      | 10                  | 150 | 30                | 450 |                        |      |        | 25000 | UPV-010-300 |
| *** 350                     |  | 354                | 14"     |                           |      | 384                 |      | 10                  | 150 | 30                | 450 |                        |      |        | 25000 | UPV-010-350 |

\* Lenght maximum L=30m, \*\* Lenght maximum L=15m, \*\*\* Lenght maximum L=10m / Maksimalne dužine: 30m, 15m, 10m

**INFO:**

**TUBE** - Water and air resistant synthetic rubber optional EPDM

**REINFORCEMENT** - Multiple textile plies with stiele wire helix.

**COVER** - Textile impressed. Environment resistant synthetic rubber, optional EPDM.

**MAIN APPLICATIONS TYPES**

Low pressure lines, suction, return lines.

**RECOMMENDED FLUIDS** - Water and air.

**APPLICABLE SPECS:** SRPS GC6.024

**CONTINUOUS SERVICE:** -40°C / +80°C

**MAX OPERATING TEMPERATURE:** +100°C

**INFO:**

**DONJA GUMA** - Za protok vode i vazduha, sintetička guma, po izboru može biti EPDM.

**OJAČANJE** - Više tekstilnih kordova i čelična žica.

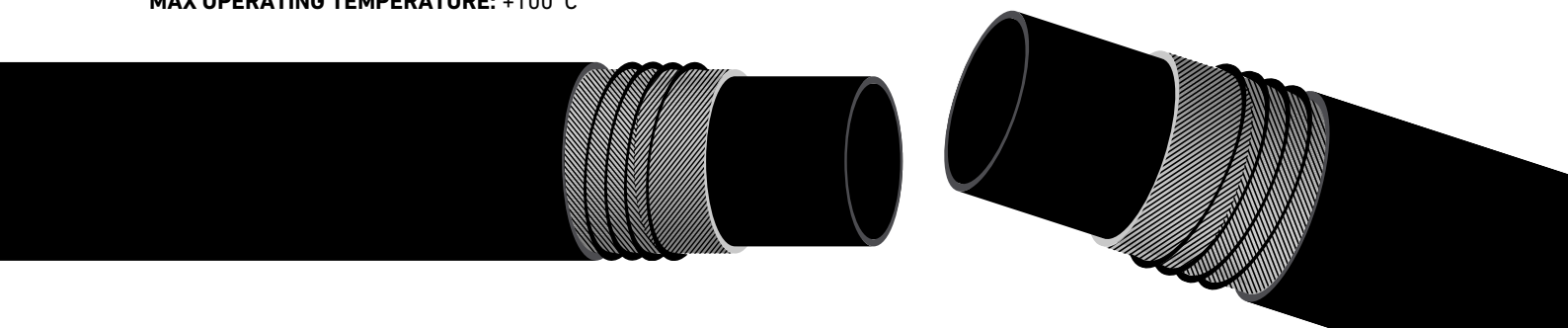
**OBLOGA** - Sa otiskom tekstila, crna, otporna, sintetička guma, po izboru može biti EPDM.

**PRIMENA** - Niski pritisak, usis, povratni vod.

**PREPORUČENI FLUIDI** - Voda i vazduh.

**STANDARD:** SRPS GC6.024

**TEMPERATURNI OPSEG:** -40°C / +80°C, maksimum +100°C



## SPIRAL SUCTION-DELIVERY EPDM (UHMWPE) FOR CHEMICAL HOSES SPIRALNA USISNO-POTISNA EPDM (UHMWPE) CREVA ZA HEMIKALIJE

| HOSE SIZE<br>VELIČINA CREVA |  | INSIDE<br>DIAMETER |        | REINFORCEMENT<br>DIAMETER |      | OUTSIDE<br>DIAMETER |      | WORKING<br>PRESSURE |     | BURST<br>PRESSURE |     | MINIMUM BEND<br>RADIUS |      | WEIGHT |       | CODE/ŠIFRA  |
|-----------------------------|--|--------------------|--------|---------------------------|------|---------------------|------|---------------------|-----|-------------------|-----|------------------------|------|--------|-------|-------------|
|                             |  | mm                 | inch   | mm                        | inch | mm                  | inch | bar                 | psi | bar               | psi | mm                     | inch | g/m    | lb/ft |             |
| 19                          |  |                    | 3/4"   |                           |      | 31                  |      | 10                  |     | 30                |     | 50                     |      | 650    |       | UPHPE10-019 |
| 22                          |  |                    | 7/8"   |                           |      | 34                  |      | 10                  |     | 30                |     | 50                     |      | 700    |       | UPHPE10-022 |
| 25                          |  |                    | 1"     |                           |      | 37                  |      | 10                  |     | 30                |     | 55                     |      | 750    |       | UPHPE10-025 |
| 28                          |  |                    | 1-1/8" |                           |      | 40                  |      | 10                  |     | 30                |     | 65                     |      | 890    |       | UPHPE10-028 |
| 32                          |  |                    | 1-1/4" |                           |      | 44                  |      | 10                  |     | 30                |     | 70                     |      | 930    |       | UPHPE10-032 |
| 35                          |  |                    | 1-3/8" |                           |      | 49                  |      | 10                  |     | 30                |     | 75                     |      | 1150   |       | UPHPE10-035 |
| 38                          |  |                    | 1-1/2" |                           |      | 52                  |      | 10                  |     | 30                |     | 80                     |      | 1300   |       | UPHPE10-038 |
| 50                          |  |                    | 2"     |                           |      | 64                  |      | 10                  |     | 30                |     | 110                    |      | 1950   |       | UPHPE10-050 |
| 63                          |  |                    | 2-1/2" |                           |      | 79                  |      | 10                  |     | 30                |     | 140                    |      | 2500   |       | UPHPE10-063 |
| * 75                        |  |                    | 3"     |                           |      | 92                  |      | 10                  |     | 30                |     | 170                    |      | 2800   |       | UPHPE10-075 |
| * 102                       |  |                    | 3"     |                           |      | 122                 |      | 10                  |     | 30                |     | 220                    |      | 4700   |       | UPHPE10-102 |

\* Length maximum L=15m, customer can choose other diameter, pressure and color / Maksimalna dužina L=15m, po zahtevu kupca mogu se izraditi drugi: prečnici, pritisak i boja.

**INFO:**

**TUBE** - UHMWPE, smooth black quality EPDM rubber.

**REINFORCEMENT** - Polyester cord and steel wire helix.

**COVER** - Wrapped black non marking EPDM rubber.

**APPLICATIONS** - Designed to handle approximately 98% of commonly used acids, chemicals and solvents.

**APPLICABLE SPECS:** EN 12115; SRPS G.C6.027

**CONTINUOUS SERVICE:** -40°C / +125°C

**ATTENTION:**

THE TEMPERATURE OF THE MEDIUM MUST BE LOWER THAN IT'S BOILING POINT.

PLEASE REFER TO THE PRIMA RESISTANCE LIST OR, IN CASE OF DOUBT, CONTACT PRIMA HOSE.

**INFO:**

**DONJA GUMA** - UHMWPE, glatka, crna, kvalitetna EPDM guma,

**OJAČANJE** - Poliester kord i spiralna čelična žica.

**OBLOGA** - Sa otiskom tekstila EPDM guma.

**PRIMENA** - Napravljeno da odgovara zahtevima za 98% najčešće korišćenih kiselina, hemikalija i rastvarača.

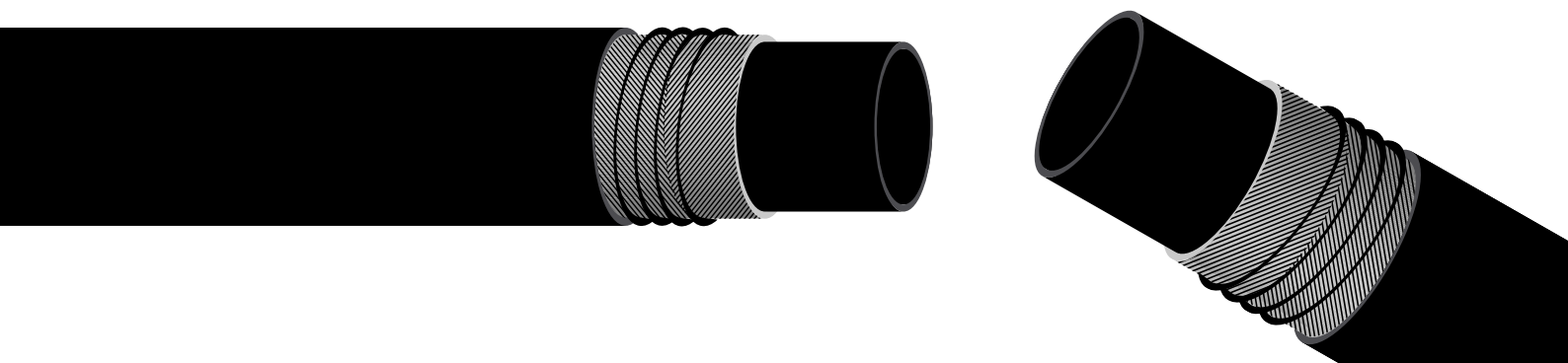
**STANDARD:** EN 12115; SRPS G.C6.027

**TEMPERATURNI OPSEG:** -40°C / +125°C

**PAŽNJA:**

TEMPERATURA MEDIJA MORA BITI NIŽA OD NJEGOVE TAČKE KLJUČANJA.

UKOLIKO IMATE DILEMU PRI KORIŠĆENJU POGLEDajte LISTU OT-PORNOSTI KOJA JE PRILOŽENA U LISTU KATALOGA PRIMA HOSE.





## SPIRAL SUCTION-DELIVERY EPDM FOR CHEMICAL HOSES SPIRALNA USISNO-POTISNA EPDM CREVA ZA HEMIKALIJE

| HOSE SIZE<br>VELIČINA CREVA |  | INSIDE<br>DIAMETER |        | REINFORCEMENT<br>DIAMETER |      | OUTSIDE<br>DIAMETER |      | WORKING<br>PRESSURE |     | BURST<br>PRESSURE |     | MINIMUM BEND<br>RADIUS |      | WEIGHT |       | CODE/ŠIFRA |
|-----------------------------|--|--------------------|--------|---------------------------|------|---------------------|------|---------------------|-----|-------------------|-----|------------------------|------|--------|-------|------------|
|                             |  | mm                 | inch   | mm                        | inch | mm                  | inch | bar                 | psi | bar               | psi | mm                     | inch | g/m    | lb/ft |            |
| 19                          |  |                    | 3/4"   |                           |      | 31                  |      | 10                  |     | 30                |     | 50                     |      | 650    |       | UPH010-019 |
| 22                          |  |                    | 7/8"   |                           |      | 34                  |      | 10                  |     | 30                |     | 50                     |      | 700    |       | UPH010-022 |
| 25                          |  |                    | 1"     |                           |      | 37                  |      | 10                  |     | 30                |     | 55                     |      | 750    |       | UPH010-025 |
| 28                          |  |                    | 1-1/8" |                           |      | 40                  |      | 10                  |     | 30                |     | 65                     |      | 890    |       | UPH010-028 |
| 32                          |  |                    | 1-1/4" |                           |      | 44                  |      | 10                  |     | 30                |     | 70                     |      | 930    |       | UPH010-032 |
| 35                          |  |                    | 1-3/8" |                           |      | 49                  |      | 10                  |     | 30                |     | 75                     |      | 1150   |       | UPH010-035 |
| 38                          |  |                    | 1-1/2" |                           |      | 52                  |      | 10                  |     | 30                |     | 80                     |      | 1300   |       | UPH010-038 |
| 50                          |  |                    | 2"     |                           |      | 64                  |      | 10                  |     | 30                |     | 110                    |      | 1950   |       | UPH010-050 |
| 63                          |  |                    | 2-1/2" |                           |      | 79                  |      | 10                  |     | 30                |     | 140                    |      | 2500   |       | UPH010-063 |
| * 75                        |  |                    | 3"     |                           |      | 92                  |      | 10                  |     | 30                |     | 170                    |      | 2800   |       | UPH010-075 |
| * 102                       |  |                    | 4"     |                           |      | 122                 |      | 10                  |     | 30                |     | 220                    |      | 4700   |       | UPH010-102 |

\* Length maximum L=15m, customer can choose other diameter, pressure and color / Maksimalna dužina L=15m, po zahtevu kupca mogu se izraditi drugi: prečnici, pritisak i boja.

**INFO:**

**TUBE** - Smooth black quality EPDM rubber.

**REINFORCEMENT** - Polyester cord and steel wire helix.

**COVER** - Wrapped black non marking EPDM rubber.

**APPLICATIONS** - Suitable for use as a and discharge hose in the chemical industry.

**PAY ATTENTION**

TO MEET THE HIGH DEMANDS REGARDING THE CONTINUOUS FLOW OF SOME CHEMICALS WE RECOMMEND UHMWPE.

**APPLICABLE SPECS:** EN 12115; SRPS G.C6.

**CONTINUOUS SERVICE:** -40°C /+100°C, maximum +120°C

**ATTENTION:**

THE TEMPERATURE OF THE MEDIUM MUST BE LOWER THAN IT'S BOILING POINT.

PLEASE REFER TO THE PRIMA RESISTANCE LIST OR, IN CASE OF DOUBT, CONTACT PRIMA HOSE.

**INFO:**

**DONJA GUMA** - Glatka, crna, kvalitetna EPDM guma.

**OJAČANJE** - Tekstilni oplit po potrebi.

**OBLOGA** - Sa otiskom tekstila, crna EPDM guma.

**PRIMENA** - Pogodno za upotrebu kao usisno-potisno crevo u hemiskoj industriji.

**OBRTITI PAŽNJU:**

DA BI SE ZADOVOLJILI ZAHTEVI ZA KONTINUALNO KORIŠĆENJE VISOKIH TEMPERATURA PREPORUČUJEMO PROIZVODE UHMWPE.

**STANDARD:** EN 12115; SRPS G.C6

**TEMPERATURNI OPSEG:** -40°C /+100°C, maximum +120°C

**PAŽNJA:**

TEMPERATURA MEDIJA MORA BITI NIŽA OD NJEGOVE TAČKE KLJUČANJA.

UKOLIKO IMATE DILEMU PRI KORIŠĆENJU POGLEDajte LISTU OT-PORNOSTI KOJA JE PRILOŽENA U LISTU KATALOGA PRIMA HOSE.

