Catalog of

CHEMICAL HOSES

CONTENT:

English / Srpski

FLUID COMPATIBILITY

LEGEND OF SYMBOLS / PREGLED SIMBOLA:

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

TYPE OF FLUID	Gč	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 choloride	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
Acetale-solvent	-	-	-	0	-	-
Crude acetale-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 acetale	-	-	-	-	0	0
Butilene	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-acetale	-	-	-	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
Ethereal 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	-	-	-	-	-	-
Phurphurale	-	-	+	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 hydroide	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	+	+	x	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 thyosulfate	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 (ethereal)	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
Sylfine colour-green	0	0	0	0	0	0
Sylfine colour-black	0	0	0	0	0	0
Tar	+	+	+	0	+	+
Turpentine	x	x	-	0	x	x
Carbon tetrachloride	+	+	-	0	+	+
Ethylane 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 perhydral	-	-	-	0	-	-
Hydrogen peroxide	x	x	x	0	x	x
Vinous acid	+	+	+	0	+	+
Whiskey and wine	+	+	0	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 shloride	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

Legend of

SYMBOLS

INSIDE DIAMETER | **REINFORCEMENT DIAMETER** | **OUTSIDE DIAMETER** | **WORKING PRESSURE** | **BURST PRESSURE** | **MINIMUM BEND RADIUS** | **WEIGHT**

EPDM CHEMICAL DELIVERY HOSE / EPDM HEMIJSKA POTISNA CREVA

HOSE SIZE VELIČINA CREVA		INSIDE DIAMETER		REINFORCEMENT DIAMETER		OUTSIDE DIAMETER		WORKING PRESSURE		BURST PRESSURE		MINIMUM BEND RADIUS		WEIGHT		CODE/ŠIFRA
DN	dash	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
19			3/4"			31		20		60		125		600		HE-020-019
22			7/8"			34		20		60		140		660		HE-020-022
25			1"			37		20		60		150		700		HE-020-025
28			1-1/8"			40		20		60		160		830		HE-020-028
32			1-1/4"			44		20		60		175		900		HE-020-032
35			1-3/8"			49		20		60		210		1150		HE-020-035
38			1-1/2"			52		20		60		225		1200		HE-020-038
50			2"			66		20		60		275		1700		HE-020-050
63			2-1/2"			79		20		60		350		2250		HE-020-063
* 75			3"			92		20		60		700		2800		HE-020-075
* 102			3"			120		20		60		1200		4000		HE-020-102

* Lenght 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 - Black, smooth EPDM rubber.

REINFORCEMENT
Polyester cord and option 2 crossed copper wires.

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

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 - Crna, glatka EPDM guma.

OJAČANJE - Poliester kord i po potrebi 2 Cu žice.

OBLOGA - Crna EPDM guma.

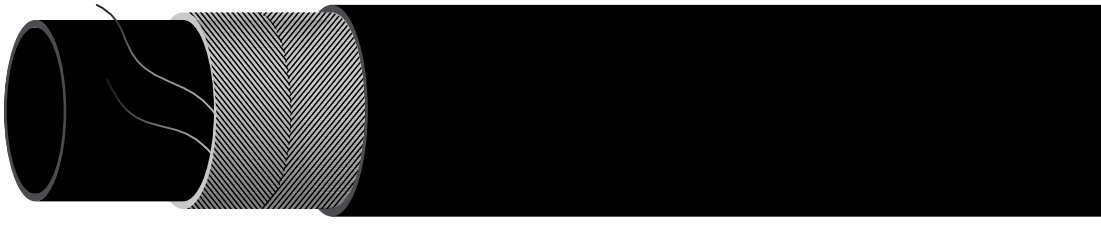
PRIMENA - Pogodno za upotrebu kao potisno crevo u hemijskoj industriji.

OBRATITE PAŽNJU
DA BI SE ZADOVOLJILI ZAHTEVI ZA KONTINUALNO KORIŠĆENJE NEKIH VRSTA HEMIKALIJA PREPORUČUJEMO NAŠE PROIZVODE UHMWPE.

STANDARD: EN 12115

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

PAŽNJA:
MOLIMO DA POGLEDATE TABELU OTPORNOSTI ZA VRSTE MEDIJA I AKO IMATE DILEMU KONTAKTIRAJTE PRIMA HOSE ZA SAVET.



EPDM CHEMICAL DELIVERY HOSE UHMWPE
EPDM HEMIJSKA POTISNA CREVA UHMWPE

HOSE SIZE VELIČINA CREVA		INSIDE DIAMETER		REINFORCEMENT DIAMETER		OUTSIDE DIAMETER		WORKING PRESSURE		BURST PRESSURE		MINIMUM BEND RADIUS		WEIGHT		CODE/ŠIFRA
DN	dash	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
19			3/4"			31		20		60		125		600		HPE-020-019
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* 75			3"			92		20		60		700		2800		HPE-020-075
* 102			3"			120		20		60		1200		4000		HPE-020-102

* Lenght 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 qvality EPDM rubber.

REINFORCEMENT
Polyester cord and option 2 crossed copper wires.

COVER - Wrapped black non marking EPDM rubber.

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

APPLICABLE SPECS: EN 12115

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
UHMWPE, glatka crna, EPDM guma.

OJAČANJE - Poliester kord i po potrebi 2 Cu žice.

OBLOGA - Crna EPDM guma.

PRIMENA - Pogodno za upotrebu kao potisno crevo u hemijskoj industriji.

STANDARD: EN 12115

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

PAŽNJA:
TEMPERATURA MEDIJA MORA BITI NIŽA OD TAČKE KLJUČANJA.
MOLIMO DA POGLEDATE TABELU OTPORNOSTI ZA VRSTE MEDIJA I AKO IMATE DILEMU KONTAKTIRAJTE PRIMA HOSE ZA SAVET.