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Catalog of

# STEINLESS STEEL CORRUGATED HOSES

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*English / Srpski*

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STAINLESS STEEL CORRUGATED HOSES AISI 321 / METALNA REBRATA FLEKSIBILNA CREVA  
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# FLUID COMPATIBILITY

## LEGEND OF SYMBOLS / PREGLED SIMBOLA:

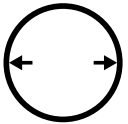
**0** = Excellent (odlično)    **X** = Good (dobro)    **+** = Fair (slabo)    **-** = Limited use (ograničena upotreba)

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	-	-	-	-	-	-
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	-	-	-	-	-	-
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

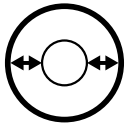
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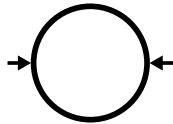
# SYMBOLS



INSIDE  
DIAMETER



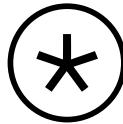
REINFORCEMENT  
DIAMETER



OUTSIDE  
DIAMETER



WORKING  
PRESSURE



BURST  
PRESSURE



MINIMUM BEND  
RADIUS



WEIGHT

## STAINLESS STEEL CORRUGATED HOSES AISI 321 METALNA REBRATA FLEKSIBILNA CREVA AISI 321

HOSE SIZE 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	
10		10	3/8"			17	0,67	100	1450			38	1,50	217	0,147	MRG-100-010
13		13	1/2"			19	0,75	75	1090			45	1,77	224	0,151	MRG-075-010
16		16	5/8"			24	0,94	65	940			58	2,28	400	0,270	MRG-065-016
19		20	3/4"			30	1,18	58	840			70	2,76	491	0,332	MRG-058-019
25		25	1"			35	1,38	55	800			85	3,35	747	0,505	MRG-055-025
32		34	1-1/4"			44	1,73	50	725			105	4,13	892	0,603	MRG-050-032
38		40	1-1/2"			54	2,13	40	580			130	5,12	1392	0,941	MRG-040-038
50		51	2"			65	2,56	30	435			160	6,30	1652	1,116	MRG-030-050
63		66	2-1/2"			83	3,27	24	350			175	6,89	2190	1,480	MRG-024-063
75		76	3"			97	3,82	18	260			175	6,89	2590	1,750	MRG-018-075
102		102	4"			123	4,84	16	230			250	9,84	3860	2,608	MRG-016-102
125		125	5"			155	6,10	12	175			318	12,52	5930	4,007	MRG-012-125
150		154	6"			184	7,24	10	145			353	13,90	6440	4,351	MRG-010-150
200		200	8"			234	9,21	8	115			456	17,95	9900	6,689	MRG-008-200

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

**INFO:**

**TEMPERATURE RANGE:** -200°C to max +600°C  
From -328°F to +1112°F  
Welding fittings.

**INFO:**

**TEMPERATURNI OPSEG:** od -200°C do maksimum +600°C  
Priklučci su vareni.

