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Catalog of

# PVC SUCTION-DELIVERY HOSES AND POLYAMIDE HOSES

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*English / Srpski*

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# FLUID COMPATIBILITY

## LEGEND OF SYMBOLS / PREGLED SIMBOLA:

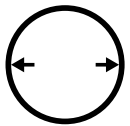
0 = Excellent (odlično) X = Good (dobro) + = Fair (slabo) - = Limited use (ograničena upotreba)

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 chlorid	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 (Kerosene)	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	+	+
Ethyl 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

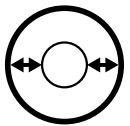
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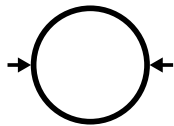
# SYMBOLS



INSIDE  
DIAMETER



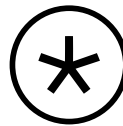
REINFORCEMENT  
DIAMETER



OUTSIDE  
DIAMETER



WORKING  
PRESSURE



BURST  
PRESSURE










MINIMUM BEND  
RADIUS



WEIGHT

## 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



## PVC SUCTION-DELIVERY HOSE WITH EXTERNAL RED PVC HELIX PVC USISNO-POTISNO CREVO SA SPOLJNOM ZAŠTITOM OD PVC SPIRALE

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	
DN 25		25				28		7		30				300		PVCS-07-025
32		32				36		7		30				400		PVCS-07-032
38		38				46		6		26				500		PVCS-06-038
51		51				58		5		20				650		PVCS-05-051
64		64				71		5		20				900		PVCS-05-064
76		76				85		4		16				1300		PVCS-04-076
102		102				118		4		16				2100		PVCS-04-102
125		125				140		4		16				3500		PVCS-04-125
152		152				170		3		12				4500		PVCS-03-152
203		203				225		3		12				6700		PVCS-03-203

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

**INFO:**

**TUBE** - High quality PVC

**REINFORCEMENT** - Rigid PVC

**APPLICATION**

Suitable for conveying powder, grain, water and oil, etc. In the industry, agriculture, irrigation and civil engineering. It is the ideal alternative for rubber hose and metal pipe.

**TEMPERATURE RANGE:** -5°C / +65°C

**INFO:**

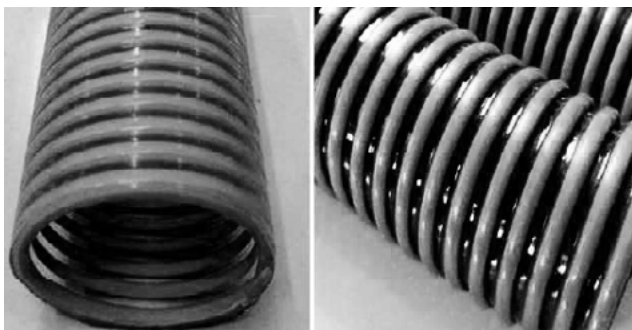
**DONJI SLOJ** - Visoko kvalitetan PVC.

**OJAČANJE** - Tvrdi PVC.

**PRIMENA**

Pogodna za transport praha, žitarica, vode, ulja itd. U industriji, poljoprivredi, navodnjavanju, građevinarstvu. Idealna alternativa gumenom crevu i metalnoj cevi.

**TEMPERATURNI OPSEG:** -5°C / +65°C



## PVC SUCTION-DELIVERY HOSE STEEL WIRE REINFORCED PVC USISNO-POTISNO CREVO SA OJAČANJEM OD ČELIČNE ŽICE

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	
9		9				15		8		55				190		PVCZ-08-009
12		12				18		6		40				225		PVCZ-06-012
15		15				22		6		35				315		PVCZ-06-015
19		19				26		5		30				400		PVCZ-05-019
25		25				32		4		25				480		PVCZ-04-025
32		32				40		4		20				700		PVCZ-04-032
38		38				47		4		18				900		PVCZ-04-038
45		45				55		4		17				1200		PVCZ-04-045
48		48				58		4		16				1300		PVCZ-04-048
50		50				61		4		16				1450		PVCZ-04-050
60		60				74		4		15				2250		PVCZ-04-060
63		63				77		4		15				2400		PVCZ-04-063
75		75				90		4		13				2950		PVCZ-04-075
90		90				106		4		12				3800		PVCZ-04-090
100		100				116		3,5		10				4300		PVCZ-3.5-100
127		127				143		3,5		10				5200		PVCZ-3.5-127
152		152				168		3,5		10				6200		PVCZ-3.5-152
200		200				220		3,5		10				10000		PVCZ-3.5-200

**INFO:**

**TUBE** - High quality PVC

**REINFORCEMENT** - Steel wire

**APPLICATION** - Water, air, oil, powder and other liquids.

**TEMPERATURE RANGE:** -5°C / +60°C

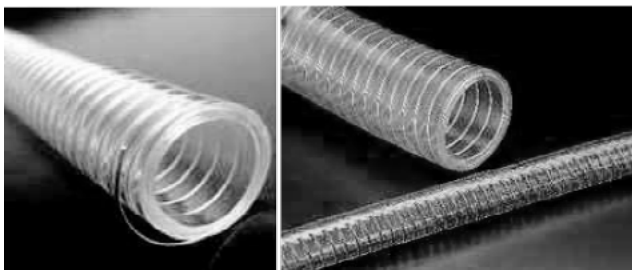
**INFO:**

**DONJI SLOJ** - Visoko kvalitetan PVC








**OJAČANJE** - Čelična žica

**PRIMENA** - Voda, vazduh, ulje, prah i druge neagresivne tečnosti.

**TEMPERATURNI OPSEG:** -5°C / +60°C



## PVC FIBER REINFORCED HOSE / PVC CREVO SA OJAČANJEM (NITI-POLIESTER)

HOSE SIZE VELIČINA CREVA																CODE/ŠIFRA
DN	dash	INSIDE DIAMETER		REINFORCEMENT DIAMETER		OUTSIDE DIAMETER		WORKING PRESSURE		BURST PRESSURE		MINIMUM BEND RADIUS		WEIGHT		
		mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
6		6				10		12		36				59		PVCD-12-06
8		8				12		12		36				85		PVCD-12-08
10		10				13		11		33				93		PVCD-11-10
12		12				16		8		24				118		PVCD-08-12
16		16				19		8		24				145		PVCD-08-16
19		19				23		6		18				179		PVCD-06-19
22		22				27		6		18				223		PVCD-06-22
25		25				30		5		15				290		PVCD-05-25
32		32				39		5		15				527		PVCD-05-32
38		38				46		5		15				613		PVCD-05-38
51		51				58		5		15				910		PVCD-05-51
64		64				77		5		15				2000		PVCD-05-64

**INFO:**

**TUBE** - High quality PVC

**REINFORCEMENT** - Polyester fiber

**COVER** - High quality PVC

**APPLICATION** - For conveying water, oil, gas under normal working condition.

**TEMPERATURE RANGE:** -5°C / +65°C

**INFO:**

**DONJI SLOJ** - Visoko kvalitetan PVC

**OJAČANJE** - Poliesterske niti

**GORNJI SLOJ** - Visoko kvalitetan PVC

**PRIMENA** - Za transport vode, ulja, gasa pod normalnim uslovima rada.

**TEMPERATURNI OPSEG:** -5°C / +65°C



## PVC GARDEN HOSE / PVC BAŠTENSKO CREVO

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	
10		10				14		8		24				102		PVCG-08-10
12		12				15,5		8		24				120		PVCG-08-12
16		16				21		6		18				196		PVCG-06-16
19		19				23		5		15				204		PVCG-05-19
25		25				30		5		15				270		PVCG-05-25

**INFO:**

**TUBE** - High quality PVC

**REINFORCEMENT** - Polyester fiber

**COVER** - High quality PVC

**APPLICATION** - It is widely used for irrigation and washing in the parks, communitz, factorz and family.

**TEMPERATURE RANGE:** -5°C / +65°C

**INFO:**

**DONJI SLOJ** - Visoko kvalitetan PVC

**OJAČANJE** - Poliesterske niti

**GORNJI SLOJ** - Visoko kvalitetan PVC

**PRIMENA** - Ima široku primenu u navodnjavanju i zalivanju.

**TEMPERATURNI OPSEG:** -5°C / +65°C





## PVC LAYFLAT HOSE / PVC RAVNO CREVO

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	
DN	dash															
25		25				27,4		7		22				150		PVCL-07-025
32		32				34,4		7		20				170		PVCL-07-032
38		38				40,4		6		18				200		PVCL-06-038
51		51				53,2		5		15				230		PVCL-05-051
64		64				66,2		5		14				300		PVCL-05-064
76		76				77,4		4		13				360		PVCL-04-076
102		102				104,8		3,5		11				550		PVCL-3,5-102
125		125				127,8		3		10				730		PVCL-3-125
152		152				154,6		3		10				850		PVCL-3-152
203		203				205,8		3		10				1600		PVCL-3-203

**INFO:**

**TUBE** - High quality PVC

**REINFORCEMENT** - Syntetic fiber

**COVER** - PVC

**APPLICATION** - Suitable for conveying liquid materials in industry, agriculture irrigation, mines and civil engineering.

**TEMPERATURE RANGE:** -5°C / +65°C

**INFO:**

**DONJI SLOJ** - Visoko kvalitetan PVC

**OJAČANJE** - Sintetičke niti

**GORNJI SLOJ** - PVC

**PRIMENA** - Pogodan za transport tečnosti u industriji, poljoprivredi, rudarstvu, građevinarstvu.

**TEMPERATURNI OPSEG:** -5°C / +65°C

