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Catalog of

# TEFLON HOSES

**CONTENT:**

*English / Srpski*

**FLUID COMPATIBILITY / KOMPATIBILNI FLUIDI — page 2**

LEGEND OF SYMBOLS / LEGENDA SIMBOLA — page 3

STAINLESS STEEL AISI 304 FLEXIBLE PTFE HOSES / FLEKSIBILNO PTFE CREVO — page 4

FLEXIBLE CORRUGATED PTFE HOSES WITH AISI 304 / FLEKSIBILNA REBRASTA CREVA PTFE  
AISI 304 — page 5

# FLUID COMPATIBILITY

## LEGEND OF SYMBOLS / PREGLED SIMBOLA:

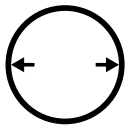
**0** = Excellent (odlično)    **X** = Good (dobro)    **+** = Fair (slabo)    **-** = Limited use (ograničena upotreba)

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
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
Syfline colour-green	0	0	0	0	0	0
Syfline 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 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

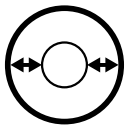
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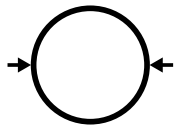
# SYMBOLS



INSIDE  
DIAMETER



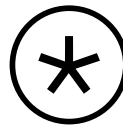
REINFORCEMENT  
DIAMETER



OUTSIDE  
DIAMETER



WORKING  
PRESSURE



BURST  
PRESSURE



MINIMUM BEND  
RADIUS



WEIGHT

## STAINLESS STEEL AISI 304 FLEXIBLE PTFE HOSES FLEKSIBILNO PTFE CREVO AISI 304

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	
5		4,80	3/16"			7,4	0,29	200	2900	800	11600	35	1,37	69	0,047	TE-200-005
6		6,35	1/4"			8,9	0,34	175	2540	700	10150	45	1,77	87	0,059	TE-175-006
8		8,00	5/16"			10,9	0,43	150	2170	600	8700	50	1,96	127	0,086	TE-150-008
10		9,50	3/8"			12,4	0,47	135	1960	540	7830	55	2,16	145	0,098	TE-135-010
13		12,70	1/2"			15,7	0,61	120	1740	480	6960	70	2,75	212	0,143	TE-120-013
16		16,00	5/8"			19,1	0,75	100	1450	400	5800	130	5,11	260	0,176	TE-100-016
19		19,00	3/4"			22,2	0,87	90	1310	360	5220	190	7,48	321	0,217	TE-090-019
25		25,40	1"			29,3	1,14	65	940	260	3770	270	10,62	450	0,304	TE-065-025

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

**INFO:**

**TUBE** - Internal core in PTFE.

**COVER** - AISI 304 stainless steel braid.

**APPLICATIONS:**

The hoses in the PTFE, series have been created mainly for the high-pressure conduction of paints, oils, air, water, fluids containing water in general and steam and unsaturated steam. Hoses are not suitable for the flow of OXYGEN, (only in small quantity) saturated steam under pressure.

**UTILIZATION TEMPERATURE:** from -60°C to +260°C

**INFO:**

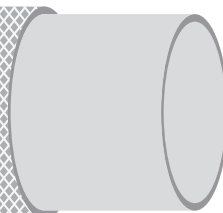
**DONJA GUMA** - Teflon PTFE.

**OJAČANJE** - AISI 304 oplit od nerđajuće žice.

**PRIMENA:**

Teflonska creva su namenjena za visoke pritiske pri proticanju boja, ulja, vazduha, vode, uopšte fluide koji sadrže vodu, paru i nezasićenu paru. Creva nisu pogodna za protok kiseonika (samo u maloj količini) i zasićenu vodenu paru pod pritiskom.

**TEMPERATURNI OPSEG:** od -60°C do +260°C



## FLEXIBLE RIBBED PTFE HOSES WITH AISI 304 FLEKSIBILNA REBRATA CREVA PTFE AISI 304

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	
5		4,80	3/16"			7,4	0,29	200	2900	800	11600	35	1,37	69	0,047	TE-200-005
6		6,35	1/4"			8,9	0,34	175	2540	700	10150	45	1,77	87	0,059	TE-175-006
8		8,00	5/16"			10,9	0,43	150	2170	600	8700	50	1,96	127	0,086	TE-150-008
10		9,50	3/8"			12,4	0,47	135	1960	540	7830	55	2,16	145	0,098	TE-135-010
13		12,70	1/2"			15,7	0,61	120	1740	480	6960	70	2,75	212	0,143	TE-120-013
16		16,00	5/8"			19,1	0,75	100	1450	400	5800	130	5,11	260	0,176	TE-100-016
19		19,00	3/4"			22,2	0,87	90	1310	360	5220	190	7,48	321	0,217	TE-090-019
25		25,40	1"			29,3	1,14	65	940	260	3770	270	10,62	450	0,304	TE-065-025

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

**INFO:**

**TUBE** - Internal core in ribbed PTFE.

**COVER** - AISI 304 stainless steel braid.

**APPLICATION**

The flexible ribbed PTFE hoses created mainly for the high-pressure conduction of paints, oils, air, water, fluids containing water in general and steam and unsaturated steam. Hoses are not suitable for the flow of OXYGEN, and saturated steam under pressure.

**UTILIZATION TEMPERATURE:** from -60°C to +260°C

**INFO:**

**DONJA GUMA** - Teflon PTFE (rebrasti).

**OJAČANJE** - AISI 304 oplit od nerđajuće žice.

**PRIMENA**

Teflonska rebrasta creva, jako fleksibilna, su namenjena za protok boja, ulja, vazduha, vode, nezasićenu vodenu paru. Nije pogodan za protok kiseonika i zasićene vodene pare pod pritiskom.

**TEMPERATURNI OPSEG:** od -60°C do +260°C

