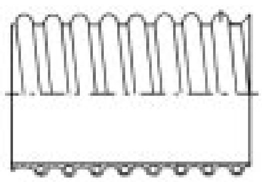
DUCTING HOSE
OREGON PU Non Toxic

SELF EXTINGUISHING TO UL 94 V2
DUST FREE, HEAVY DUTY VERSION AVAILABLE IF REQUIRED - OREGON SUPERELASTIC



High flexibility, abrasive resistant polyurethane ducting. Ideal ducting for conveying gravel/grit/grain/corn and other dry compounds.
Also available in anti-static version.

Characteristics: Very smooth inside. Highly flexible and light in weight. Temperature range: -10ºC +60ºC.

Applications: Ducting, dust and fumes, extraction, suction of sawdust and yarns in the textile industry, ventilation.

Structure: Rigid PVC spiral.

I.D. mm	Weight gr./mtr.	Bending Radius mm	Vacuum Pressure m.H_2Omtr.	Coil Length PU
20	150	20	5	20
25	185	25	5	20
30	225	30	5	20
32	240	32	5	20
35	280	35	5	20
38	310	38	5	20
40	330	40	4	20
45	370	45	4	20
50	440	50	4	20
60	560	60	4	20
63	600	63	4	20
70	660	70	4	20
75	750	75	4	20
80	790	80	4	20
90	900	90	4	20
100	1010	100	4	20
110	1150	110	4	20
120	1300	120	4	20
125	1360	125	4	20
130	1440	130	4	20
140	1600	140	4	20
150	1760	150	4	20
160	1930	160	4	20
180	2300	180	4	10
200	2650	200	4	10
250	3600	250	4	10
300	4500	300	4	10

All data refers to performance at 18ºC. Any increase of temperature, above or below, will affect the performance data.

PLEASE SEE FOLLOWING PAGE FOR FURTHER DETAILS

P A G E

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CHEMICAL RESISTANCE GUIDE TO PVC HOSES

CHEMICAL AND CONCENTRATION	20ºC	60ºC
Acetic acid 10%	✓	LL
Acetic acid 60%	✓	LL
Acetic acid Glacial	X	X
Acetic anhydride	X	X
Aceton Traces	X	X
Aceton 100%	X	X
Adipic acid	TR	TR
Alcohol allyl	X	X
Alcohol ethyl 40% W/W Water	✓	TR
Alcohol ethyl 100%	✓	TR
Alcohol isopropyl	✓	TR
Alcohol methyl 6% AQ. Soln	✓	✓
Alcohol methyl 100%	LL	TR
Allyl chloride	X	X
Aluminium salts	✓	✓
Ammonia S.G.=088 AQ.SOLN	✓	X
Ammonia Dry Gas	TR	TR
Ammonia Liquid	TR	TR
Ammonium hydroxide	✓	TR
Ammonium salts	✓	✓
Ammonium sulphide	✓	X
Aniline	X	X
Animal oils	✓	TR
Barium salts	✓	✓
Beer	✓	TR
Benzaldehyde Traces	X	X
Benzaldehyde 100%	X	X
Benzene	X	X
Borax	✓	TR
Brine	✓	✓
Bromine Gas, Traces	X	X
Bromine 100% Dry Gas	X	X
Bromine Liquid	X	X
Butane	TR	TR
Butanol	✓	TR
Butyl acetate	X	X
Butyric acid 20% AQ. Soln	✓	TR
Butyric acid Conc.	X	X
Calcium hydroxide	✓	TR
Calcium hypochlorite	✓	TR
Calcium salts	✓	✓
Carbon dioxide	✓	✓
Carbon disulphide	X	X
Carbon monoxide	✓	✓
Carbon tetrachloride	X	X
Casein	✓	✓
Chlorine 10% (Dry Gas)	TR	TR
Chlorine 100% (Dry Gas)	TR	TR
Chlorine 10% (Moist Gas)	TR	TR
Chlorine Water Saturated Soln	LL	X
Chlorobenzene	X	X
Chloroform	X	X
Chlorosulphonic acid	X	X
Chromic acid Plating Soln	X	X
Chromic acid Conc.	TR	TR
Citric acid	✓	TR
Copper salts	✓	✓
Cycloexanol	X	X
Cycloexanone	X	X
Detergents, synthetic All Conc.	✓	TR
Developers, photographic	✓	✓
Dextrose	✓	✓
Dichloroethylene	X	X
Dichlorobenzene	X	X
Diesel oil	OH	OH

CHEMICAL AND CONCENTRATION	20ºC	60ºC
Diethyl ether	X	X
Dimethylamine	TR	TR
Emulsifiers All Conc.	✓	✓
Emulsions, photographic	✓	✓
Ether	X	X
Ethyl acetate	X	X
Ethylene dichloride	X	X
Ethylene glycol	✓	TR
Fatty acids	TR	TR
Ferric salts	✓	✓
Fixing solution, photogr.	✓	✓
Fluorine	X	X
Formaldehyde 40% W/W in Water	✓	X
Formic Acid 40%	TR	TR
Formic Acid 50%	LL	X
Formic Acid 100%	X	X
Glucose	✓	✓
Glycerine	✓	TR
Grape sugar	✓	✓
Hydrochloric acid 10% AQ. Soln	✓	✓
Hydrochloric acid 22%	✓	✓
Hydrochloric acid Conc.	✓	LL
Hydrofluoric acid 4% AQ. Soln	✓	✓
Hydrofluoric acid 40% AQ. Soln	✓	TR
Hydrofluoric acid 60% AQ. Soln	X	X
Hydrofluoric acid Conc.	X	X
Hydrogen	✓	✓
Hydrogen bromide anhydrous	✓	TR
Hydrogen chloride anhydrous	✓	TR
Hydrogen fluoride	✓	TR
Hydrogen peroxide 3% (10 vol)	✓	TR
Hydrogen peroxide 12% (40 vol)	✓	TR
Hydrogen peroxide 30% (100 vol)	✓	TR
Hydrogen peroxide 90% and above	✓	TR
Hydrogen sulphite	✓	TR
Iodine Soln. in Potassium	TR	TR
Iodine Iodide	X	X
Lacquer solvents	LL	X
Lactic acid 10%	✓	TR
Lactic acid 100%	X	X
Lauric acid	✓	TR
Lauryl alcohol	✓	✓
Lead salts	✓	✓
Magnesium salts	✓	✓
Manganese sulphate Conc. Soln	✓	✓
Mercuric chloride	X	X
Methyl chloride	X	X
Methyl ethyl ketone	X	X
Methylene chloride	X	X
Milk	✓	TR
Mineral oils	OH	OH
Mixed acids (sulphuric/nitric) var. prop.		X
Molasses	✓	✓
Naptha	X	X
Naphthalene	X	X
Nickel salts	✓	✓
Nitric acid 10%	✓	TR
Nitric acid 25%	✓	TR
Nitric acid 50%	✓	LL
Nitric acid 70%	LL	X
Nitric acid 95%	X	X
Nitrobenzene	X	X
Nitrogen fertilizers	✓	TR
Nitrous fumes Moist	TR	X
Oleic acid	✓	TR

CHEMICAL AND CONCENTRATION	20ºC	60ºC
Oxalic acid	✓	TR
Oxygen	✓	✓
Ozone	✓	TR
Palmitic acid	✓	TR
Paraffin	LL	TR
Petrol	OH	OH
Petrol benzene mixture 80:20	X	X
Phenol	TR	X
Phosphoric acid 20% AQ. Soln	✓	✓
Phosphoric acid 30% AQ. Soln	✓	✓
Photographic developers	✓	✓
Photographic emulsions	✓	✓
Phot. fixing soln	✓	✓
Picric acid 1% W/W in Water	✓	✓
Picric acid 10% W/W in Alcohol	✓	TR
Potassium hydroxide 1% AQ. Soln	✓	✓
Potassium hydroxide 10% AQ. Soln	✓	✓
Potassium hydroxide Conc. AQ. Soln	✓	X
Potassium salts	✓	✓
Propane	OH	OH
Propylene dichloride	X	X
Salicylic acid	TR	TR
Sea Water	✓	✓
Soap solution	✓	TR
Sodium hydroxide 1% AQ. Soln	✓	TR
Sodium hydroxide 10% AQ. Soln	✓	LL
Sodium hydroxide 40% AQ. Soln	✓	X
Sodium hydroxide Conc. AQ. Soln	✓	X
Sodium hypochlorite 15% ACT. CL.	✓	LL
Sodium salts	✓	✓
Sulphur dioxide Dry	✓	✓
Sulphur dioxide Moist	TR	X
Sulphur dioxide Liquid	TR	X
Sulphuric acid 10%	✓	✓
Sulphuric acid 45%	✓	✓
Sulphuric acid 50%	✓	LL
Sulphuric acid 60%	LL	LL
Sulphuric acid 98%	X	X
Sulphuric acid Fuming	X	X
Sulphurous acid 30%	✓	TR
Tallow	✓	TR
Tannic acid	✓	TR
Tanning extracts	✓	TR
Tartaric acid	✓	TR
Tetraethyl lead	✓	TR
Tetrahydrofuran	X	X
Tetralin	X	X
Toluene	X	X
Transformer oil	OH	X
Trichlorethane	X	X
Triethanolamine	✓	✓
Trichlorethylene	X	X
Triethylamine	TR	TR
Turpentine	TR	TR
Urea	✓	TR
Vegetable oils	✓	TR
Vinegar	✓	TR
Vinyl acetate	X	X
Water	✓	✓
Wetting agents All Conc.	✓	✓
Wines and Spirits	✓	TR
Xylene	X	X
Zinc salts	✓	✓

PAGE

✓ = Satisfactory X = Unsatisfactory
LL = The material may be considered for use when alternative materials are unsatisfactory and LIMITED LIFE is acceptable.
OH = Recommended for the service and conditions shown for oil hose.
TR = When PVC is to be used with such chemicals full-scale TRIALS are REQUIRED under realistic conditions.
This list is intended for general guidance only. The information provided therein is based on our knowledge and experience. No warranty can be given. As much depends upon the exact working conditions of each case.

CAUTION
Final selection of the correct hose is further dependent on pressure, temperature, fluid concentration and system conditions relative to climatic and weather conditions. If in doubt please consult us.

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