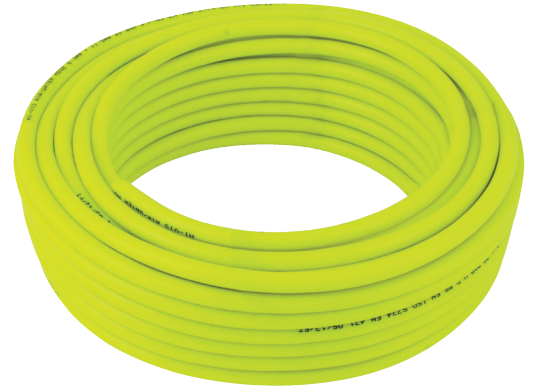


# Hi-Vis Air & Water Hose

The hi-vis properties of this hose are fully compliant with Health & Safety (Chromaticity Luminance) BS EN ISO 5774 and EN471:2003. With this in mind it is a must for all professional facilities and applications.



**Features:**

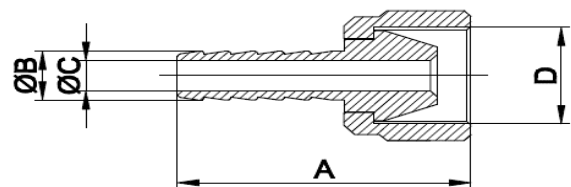
- 20 bar rated
- -20°C to +80°C
- Suitable for potable drinking water
- Self-extinguishing
- High visibility
- Flexible PVC
- UV stable
- Multi-use
- White inner, yellow fluorescent outer
- Material softness BSS50/BSS65

**Applications:**

- Industrial
- Food
- Wash down
- Garage forecourt
- Workshops
- Vending
- Window cleaning/high rise
- Festivals and outdoor public events

Polyester Reinforced Hi Vis PVC Hose				
Nominal Size				
Item	HVIS06	HVIS08	HVIS10	HVIS12
Length Tolerance	BS EN ISO 1307 (± 1%)			
Maximum Working Pressure	20Bar	20 Bar	20 Bar	20 Bar
Burst Pressure	60 Bar	60 Bar	60 Bar	60 Bar
Bend radius	28mm	29mm	40mm	55mm
Working Temperature	-20°C to +80°C			
Colour	White Inner with Yellow Fluorescent Outer			
Print	HI-VIS AIR/WATER HOSE 10mm x 16mm 20 BAR W.P. BS EN ISO 7774 EN 471 05/12/FT			
Material	Flexible PVC			
Material Softness	BSS50 / BSS65			
Flammability	Self Extinguishing			
Weight per meter	0.093Kg	0.123Kg	0.163Kg	0.187Kg
Packaging	Strapex Ties and Shrinkwrap			
Applicable Standards	BS EN ISO 5774 (Plastic hoses. Textile-reinforced types for compressed-air applications.) Tested in accordance with EN471 : 2003 : Section 5.1, 5.1.1 and Table 2 for both chromaticity and luminance.			

Assemblies, Female Thread, BSPP				
Part No.	Length m	ID	Thread	Max Bar
RH06-5	5	1/4"	1/4"	18
RH06-10	10	1/4"	1/4"	18
RH06-15	15	1/4"	1/4"	18
RH06-20	20	1/4"	1/4"	18
RH08-5	5	5/16"	1/4"	18
RH08-10	10	5/16"	1/4"	18
RH08-15	15	5/16"	1/4"	18
RH08-20	20	5/16"	1/4"	18
RH10-5	5	3/8"	3/8"	18
RH10-10	10	3/8"	3/8"	18
RH10-15	15	3/8"	3/8"	18
RH10-20	20	3/8"	3/8"	18
RH13-5	5	1/2"	1/2"	18
RH13-10	10	1/2"	1/2"	18
RH13-15	15	1/2"	1/2"	18
RH13-20	20	1/2"	1/2"	18



Part No:	A	B	C	D
FH13/14	36.5	7.9	7	G1/4
FH13/516	37.5	8.5	5	G1/4
FH17/38	50.5	11	7	G3/8
FH21/12	53.2	14	10	G1/2

# Chemical Resistance Chart

N	PUR	PE	PVC		N	PUR	PE	PVC		N	PUR	PE	PVC	
-	4	1	4	Acetic Acid, Glacial	-	4	1	4	Ethylene Chloride	3	2	-	4	Picric Acid
-	4	1	4	Acetic acid, 30%	-	4	1	4	EthyleneGlycol	-	4	-	-	Potassium Acetate (aq)
-	4	2	4	Acetone	-	4	2	4	Ethylene Oxide	-	1	1	1	Potassium Chloride (aq)
-	4	1	4	Acetylene	-	4	1	1	Ethylene Trichloride	-	1	1	1	Potassium Cyanide (aq)
-	4	-	-	Akazene	-	4	-	-	Ferric Chloride (aq)	3	4	1	1	Potassium Hydroxide (aq)
-	3	2	1	Aluminum Chloride (aq)	-	3	2	1	Ferric Nitrate (aq)	-	1	1	1	Producer Gas
-	-	-	-	Aluminum Nitrate (aq)	-	-	-	-	Ferric Sulfate (aq)	1	3	3	1	Propane
-	4	2	1	Ammonia Anhyarous	-	4	2	1	Fluorine (Liqued)	-	4	-	-	Propyl Alcohol
-	3	-	-	Ammonia Gas (cold)	-	3	-	-	Formaldehyde (RT)	-	4	-	-	Propylene
-	4	-	-	Ammonia Gas (hot)	-	4	-	-	Formic Acid	-	4	-	-	Propylene Oxide
-	1	1	1	Ammonium Chloride (aq)	-	1	1	1	Freon 11	-	4	-	-	Pydraul, 10E, 29 ELT
-	1	1	1	Ammonium Sulfate (aq)	-	1	1	1	Freon 12	-	4	-	-	Pydraul 30E, 50E, 65E
-	-	-	-	Animal Fats	-	-	-	-	Freon 22	-	4	-	-	Pydraul,115E
-	4	2	1	Amyl Alcohol	-	4	2	1	Fuel Oil	-	4	-	-	Pydraul 230E, 312C, 540C
-	4	-	-	Amyl Naphthalene	-	4	-	-	Futural Glucose	-	2	-	-	Rapeseed Oil
-	1	-	-	Animal Fats	-	1	-	-	Glue	-	1	-	-	Red Oil (MIL-H-5606)
-	4	2	3	Aqua Regia	-	4	2	3	Glycerin	-	1	-	-	RJ-1 (MIL-F-2338 B)
-	3	2	1	Arsenic Acid	-	3	2	1	Glycols	-	1	-	-	RP-1 (MIL-F-25576 C)
-	2	1	1	Asphalt	-	2	1	1	Green Sultate Liquor	-	1	-	-	Salt Water
-	3	-	-	ASTM Fuel A	-	3	-	-	Hexane	1	2	1	1	Sewage
-	3	-	-	ASTM Fuel B	-	3	-	-	Hydraulic Oil	-	4	-	-	Silicate Esters
-	3	1	1	ASTM Fuel C	-	3	1	1	Hydrochloric Acid (cold) 37%	-	1	-	-	Silicone Oils
-	1	1	1	Barium Chloride (aq)	-	1	1	1	Hydrochloric Acid (hot) 37%	-	1	1	1	Silver Nitrate
1	2	1	1	Beer	1	2	1	1	Hydrofluoric Acid (Conc.)Cold	-	1	2	1	Skydrol 500
-	4	1	1	Beet Sugar Liquors	-	4	1	1	Hydrofluoric Acid (Conc.) Hot	-	4	-	-	Skydrol 700
1	3	3	3	Benzene	1	3	3	3	Hydrogen Gas	-	4	-	-	Soap Solutions
-	2	-	-	Benzine	-	2	-	-	Isobutyl Alcohol	1	3	3	1	Sodium Chloride (aq)
-	4	-	-	Blast Furnace Gas	-	4	-	-	Isooctane	1	1	1	1	Sodium Hydroxide (aq)
-	4	-	2	Bleac Solutions	-	4	-	1	Isopropyl Acetate	2	4	2	1	Sodium Peroxide (aq)
-	1	1	1	Borax	-	1	1	2	Isopropyl Alcoh	-	4	1	2	Sodium Phosphate (aq)
-	1	1	1	Boric Acid	-	1	1	1	Isopropyl Ether	-	1	-	-	Sodium Sultate (aq)
-	-	-	-	Brake Fluid	-	-	-	-	Kerosene	-	1	1	1	Soy Bean Oil
-	4	-	3	Brine	-	4	-	3	Lacquers	-	2	1	1	Steam Under 300°F
-	4	-	-	Bromine Water	-	4	-	-	Lacquer Solvents	4	4	-	-	Steam Over 300°F
-	4	-	-	Bunker Oil	-	4	-	-	Lard	4	4	1	3	Stoddard Solvent
1	1	3	3	Butane	1	1	3	3	Lavender Oil	-	3	-	4	Styrene
-	1	-	-	Butter	-	1	-	-	Lead Acetate (aq)	-	-	-	-	Sucrose Soluttion
3	4	1	2	Butyl Alcohol	3	4	1	2	Linseed Oil	-	4	-	-	Sulfuric Acid (Dilute)
-	4	1	1	Butylene	-	4	1	1	Liquified Petrolateum Gos	-	3	1	1	Sulfuric Acid (Conc.)
1	1	2	1	Calcium Chloride (aq)	1	1	2	1	Lubricating Oils	-	4	3	4	Sulfuric Acid (20% Oleum)
-	1	2	1	Calcium Hydroxide (aq)	-	1	2	1	Lye	-	4	-	-	Sulfurous Acid
1	1	-	-	Calcium Nitrate (aq)	1	1	-	-	Magnesium Chloride (aq)	-	3	2	1	Tonic Acid
-	1	-	-	Calcium Sulfide (aq)	-	1	-	-	Magnesium Hydroxide (aq)	-	1	2	1	Tetrochloroethylene
-	4	-	1	Cane Sugar Liquors	-	4	-	1	Methane	1	4	2	4	Toluene
-	3	2	3	Carbollic Acid	-	3	2	3	Methyl Acetate	-	1	3	4	Transformer Oil
-	1	3	1	Carbon Dioxide	-	1	3	1	Methyl Acrylate	-	1	-	-	Transmission Fluid Type A
-	1	2	1	Carbonic Acid	-	1	2	1	Methyl Alcohol	3	4	-	3	Trichloroethane
-	1	2	1	Carbon Monoxide	-	1	2	1	Methyl Butyl Ketone	3	4	3	4	Trichoroethylene
3	4	2	2	Carbon Tetrachloride	3	4	2	2	Methyl Chloride	-	1	3	-	Turbine Oil
-	1	-	1	Castor Oil	-	1	-	1	Methylene Cholride	1	4	3	2	Turpentine
4	4	2	1	Chlorine (dry)	4	4	2	1	Methyl Ethyl Ketone	-	3	3	4	Vamish
4	4	-	1	Chlorine (wet)	4	4	-	1	Methyl Isobutl Ktone	1	4	2	1	Vinegar
3	4	3	4	Chloroform	3	4	3	4	Milk	-	4	-	-	Vinyl Chloride
-	4	-	-	Chlorox	-	4	-	-	Mineral Oil	1	1	1	1	Water
4	4	1	1	Chromic Acid	4	4	1	1	Naphtha	1	2	3	1	Whiskey
1	1	1	2	Citric Acid	1	1	1	2	Naphtalene	-	1	-	-	White Oil
-	3	-	-	Coal Tar	-	3	-	-	Natural Gas	-	3	-	-	Wood Oil
-	2	-	-	Coconut Oil	-	2	-	-	Neatsfoot Oil	2	4	3	4	Xylene
-	1	-	1	Cod Liver Oil	-	1	-	1	Nitric Acid (Conc.)	-	4	1	-	Zinc Acetate (aq)
-	4	-	-	Coke Oven Gas	-	4	-	-	Nitric Acid (Dilute)	-	1	-	1	Zinc Chloride (aq)
-	1	2	1	Copper Chloride (aq)	-	1	2	1	Nitroethane	1	1	-	-	
-	-	-	-	Copper Chloride (aq)	-	-	-	-	Nitrogen	-	-	-	-	
-	1	2	1	Copper Chloride (aq)	-	1	2	1	N-Octane	-	-	-	-	
-	1	3	2	Com Oil	-	1	3	2	Oleic Acid	-	-	-	-	
-	1	2	2	Cotton Seed Oil	-	1	2	2	Oleum Spirits	-	-	-	-	
4	4	3	4	Creosot	4	4	3	4	Olive Oil	-	-	-	-	
1	1	2	4	Cychlohexane	1	1	2	4	Oxygen-Cold	-	-	-	-	
-	1	-	-	Denatured Aicohol	-	1	-	-	Oxygen (200-400°F)	-	-	-	-	
-	-	-	-	Detergent Solution	-	-	-	-	Paint Thnner, Duco	-	-	-	-	
-	4	1	1	Diesel Oil	-	4	1	1	Perchloric Acid	-	-	-	-	
-	3	3	1	Diesel Oil	-	3	3	1	Perchloroethylene	-	-	-	-	
-	4	-	-	Dioxane	-	4	-	-	Petrolenn-Below 250°F	-	-	-	-	
-	3	-	-	Dowtherm Oil	-	3	-	-	Petroleum-Above 250 F	-	-	-	-	
-	4	-	-	Dry Cteaning Fluids	-	4	-	-	Phenol	-	-	-	-	
-	3	-	4	Ethane	-	3	-	4	Phenyl Ethyl Ether	-	-	-	-	
-	-	-	-	Ethyl Acrylate	-	-	-	-	Phosphoric Acid-45%	-	-	-	-	
3	4	-	-	Ethyl Alcohol	3	4	-	-	Pickling Solution	-	-	-	-	
-	4	-	-	Ethyl Benzine	-	4	-	-		-	-	-	-	
-	2	-	-	Ethyl Cellulose	-	2	-	-		-	-	-	-	
-	2	-	-	Ethyl Chloride	-	2	-	-		-	-	-	-	
-	3	-	-	Ethyl Ether	-	3	-	-		-	-	-	-	

## Nylon 6, 12 & Polyurethane Ether Base/PE Polyethylene/PVC Polyvinyl Chloride

Please note: the above ratings are very general guidelines and designed only to be used as an initial screening tool.

Careful testing under actual conditions essential. Accuracy for these ratings is not given or implied.

### Ratings:

- 1 Little or no impact
- 2 Minor effect
- 3 Moderate effect
- 4 Severe effect