Hi-Vis Air & Water Hose FLOWTECHNOLOGY®

EXCEEDING EXPECTATIONS

The Hi-Vis properties of this hose are in compliance required by Health & Safety (Chromaticity Luminance) BS EN ISO 5774 & EN471:2003, with this in mind it is a must for all professional facilities and applications.



## **Applications:**

- Industrial
- Food
- Wash Down
- Garage Forecourt
- Workshops
- Vending
- Window Cleaning/High Rise
- Festival & outdoor public events

## Features:

- 20 Bar Rated
- -20°C to +80°C
- Suitable for Potable Drinking Water
- Self-Extinguishing
- High Visibility
- Flexible
- UV Stable
- Multi-Use

	Polyester Reinforced Hi Vis PVC Hose								
			Nominal Size						
Item	6.3 x 11.5mm	7 x 14mm	8 x 13.5mm	10 x 16mm	12.5 x 18.5mm				
Length Tolerance	BS EN ISO 1307 (±1%)								
Maximum Working Pressure	20Bar	20 Bar	20 Bar	20 Bar	20 Bar				
Burst Pressure	60 Bar	60 Bar	60 Bar	60 Bar	60 Bar				
Bend radius	28mm	29mm	29mm	40mm	55mm				
Working Temperature	-20°C to +80°C								
Colour	White Inner c/w 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	0.147Kg	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								

## CHEMICAL RESISTANCE CHART

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N	PUR	PE	PVC		N	PUR	PE	PVC	N	PUR PE	PVC		
	4 4 4 4 4 3	1 1 2 1 -	4 4 4 1 -	Acetic Acid. Glacial Acetic acid. 30% Acetone Acetylene Akazene Aluminum Choride (aq)		4 4 4 4 4 3	1 1 2 1 - 2	4 4 1 -	Ethylene Chloride 3 Ethylene Glycol - Ethylene Oxide - Ethylene Trichloride - Ferric Chloride (aq) 3 Ferric Nitrate (aq) -	2 - 4 - 1 1 1 1 1 4 1 1 1	- P 1 P 1 P	icric Acid atassium Acetate (aq) atassium Chloride (aq) atassium Cyanide (aq) atassium Hydroxide (aq) roducer Gas	
	3 4 3 4 1	- 2 - 1 1	1 1 1	Aluminum Nitrate (aq) Ammonia Anhyarous Ammonia Gas (cold) Ammonia Gas (hot) Ammonium Chioride (aq) Ammonium Sulfate (aq)		3 4 3 4 1	- 2 - 1 1	1 - 1 1	Ferric Sulfate (aq) 1 Fluorine (Liqued) - Formaldehyde (RT) - Formic Acid - Freon 11 - Freon 12 -	3 3 4 - 4 - 4 - 4 - 4 - 4	- P - P - P	ropane ropyl Alcohol ropylene ropylene Oxicde ydraul, 10E, 29 ELT ydraul 30E, 50E, 65E	
	4 4 1 4 3 2 2 2 3 3	2 - 2 2 1	1 - - 3 1 1	Amyl Alcohol Amyl Naphthalene Animal Fats Aqua Regia Arsenic Acid Asphalt ASTM Fuel A		4 4 1 4 3 2 2	2 - - 2 2 1	1 - - 3 1 1 -	Freon 22 Fuel Dil Futural Glucose Glue Glycerin Glycols Green Sultate Liquor	4 - 4 - 2 - 1 - 1 -	- P - R - R	ydraul,115E ydraul 230E, 312C, 540C apeseed Oil ed Oil (MIL-H-5606) J-1 (MIL-F-2338 B) P-1 (MIL-F-25576 C)	
1	1 2 4	1 1 1 1	1 1 1 1	ASTM Fuel B ASTM Fuel C Barium Choride (aq) Beer Beet Sugar Liquors	1	4 3 2 2 3 3 1 2 4	1 1 1	1 1 1	Hexane Hydraulic Oil Hydrochloric Acid (cold) 37 % Hydrochloric Acid (hot) 37%	2 1 4 - 1 - 1 1 1 2 4 -	- S - S 1 S 1 S	alt Water ewage ilicate Esters ilicone Oils ilver Nitrate kydrol 500	
1	3 2 4 4 1 1	3 - - 1 1	3 - 1 2 1	Benzene Benzine Blast Furnace Gas Bleac Solutions Borax Boric Acid	1	3 2 4 4 1 1	3 - - 1 1	3 - 1 2 1	Hydrofluoric Acid (Conc.) Hot Hydrogen Gas Isobutyl Alcohol Isooctane Isopropyl Acetate Isopropyl Alcohol Isoocopyl Alcohol Isooropyl Alcohol Isooropyl Alcohol Isooropyl Alcohol	4 - 3 1 1 4 2 4 1 1 -	1 S 1 S 1 S 2 S	kydrol 700 oap Solutions odium Chloride (aq) odium Hydroxide (aq) odium Peroxide (aq) odium Phosphate (aq)	
4 - 1	4 2 4 2 1 1	- 4 - - 3 -	3 - 3 -	Brake Fluid Brine Bromine Water Bunker Oil Butane Butter	- 4 - 1	4 2 4 2 1 1	4 - - 3	3 - 3 -	Sopropyl Ether	1 1 2 1 4 - 4 - 1 3 3 3 -	1 S 1 S - S 3 S	odium Sultate (aq) oy Bean Oil team Under 300°F team Over 300°F toddard Solvent tyrene	
3 - 1 - 1	4 4 1 1 1 1	1 1 2 2 -	2 1 1 1 -	Butyl Alcohol Butylene Calcium Chioride (aq) Calcium Hydroxide (aq) Calcium Nitrate (aq) Calcium Sulfide (aq)	3 - 1 - 1	4 4 1 1 1	1 1 2 2 -	2 1 1 1 -	Lead Acetate (aq) Linseed Oil Liquified Petrolateum Gos Lubricating Oils Lye Magnesium Chloride (aq)	4 - 3 1 4 3 4 - 3 2 1 2	- S 1 S 4 S - S 1 S	ucrose Soluttion ulfuric Acid (Dilute) ulfuric Acid (Conc.) ulfuric Acid (20% Oleum) ulfurous Acid	
3	4 3 1 1 1 4	- 2 3 2 2 2	1 3 1 1 1 2	Cane Sugar Liquors Carbollc Acid Carbon Dioxide Carbonic Acid Carbon Monoxide Carbon Tetrachloride	3	4 3 1 1 1 4	2 3 2 2 2	1 3 1 1 1 2	Magnesium Hydroxlde (aq) Mercury - Methane 1 Methyl Acetate - Methyl Acrylate - Methyl Alcohol 3 3	4 2 4 3 1 - 1 - 4 - 4 3	4 To 4 To - To - To 3 To	etrochlorethlene oluene ransformer Oil roichloroethane richloroethane	
- 4 4 3 - 4	1 4 4 4 4 4	- 2 - 3 - 1	1 1 1 4 -	Castor Oil Chlorine (dry) Chlorine (wet) Chloroform Chlorox Chromic Acid	4 4 3 -	1 4 4 4 4 4	2 - 3 - 1	1 1 1 4 -	Methyl Butyl Ketone Methyl Cholride Methylene Cholride Methylene Cholride Methyl Ethyl Ketone Methyl Isobutl Ktone Milk	1 3 4 3 3 4 2 4 - 1 1	- Ti 2 Ti 4 V 1 V	urbine Oil urpentine amish inegar inyl Chloride Vater	
1	1 3 2 1 4 1	1 2	2 - 1 1 - 1	Citric Acid Coal Tar Coconut Oil Cod Liver Oil Coke Oven Gas Copper Chloride (aq)	1	1 3 2 1 4	1 2	2 - 1 1 - 1	Mineral Oil Naphtha 1 Naphtalene Natural Gas Veatsfoot Oil Nitric Acid (Conc.)	2 3 1 - 3 - 4 3 4 1	1 W - W - W 4 X	Vhiskey Vhite Oil Vood Oil ylore Acetate (aq) inc Acetate (aq)	
- - 4 1	1 1 1 4 1 4	2 3 2 3 2	1 2 2 4 4	Copper Chloride (aq) Com Oil Cotton Seed Oil Creosot Cychlohexane Denatured Aicohol	- - 4 1	1 1 1 4 1 4	2 3 2 3 2	1 2 2 4 4	Oleic Acid BAS	NYLON 6, 12 & POLYURETHANE I BASE/PE POLYETHYLENE/PVC POLYVINYL CHLORIDE			
	4 3 4 3 4 3	1 3 - - -	1 1 - - 4	Detergent Solution Diesel Oil Dioxane Dowtherm Oil Dry Cteaning Fluids Ethane		4 3 4 3 4 3	1 3	1 1 - - 4	Uxygen-Loid Oxygen (200-400°F) Paint Thnner, Duco Perchloric Acid Perchloroethylene Care	Please Note: The above ratings of general guidelines and designed to be used as an initial screening Careful testing under actual control of the street of t			
3	4 4 4 2 2 3			Ethyl Acrylate Ethyl Alcohol Ethyl Benzine Ethyl Cellulose Ethyl Chlonde Ethyl Ether	3	4 4 4 2 2 3			Petroleum-Below 250 F Petroleum-Above 250 F Phenol Phenyl Ethyl Ether Phosphoric Acid-45%  2. M	essential. Accuracy for these rat not given or implied. Ratings: 1. Little or no impact/ 2. Minor effect/ 3. Moderate effect 4. Severe effect.			

HANE ETHER PVC

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tual conditions nese ratings is

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