Hose & Tubing - *Push-Lock Hose & Adaptors*

TBPL

PUSH-LOCK HOSE

Outer Layer: NBR/PVC smooth, oil resistant
Inner Armor: Cloth Textiles
Inside Finish: NBR/PVC smooth, abrasion, oil and weather resistant.

Fluids:

Compressed Air	-20°C +110°C
Water	0°C +100°C
Hydraulic Oil	-20°C +70°C
Water Glycol	-20°C +70°C
Diesel Fuel & Petrol	

Int. inch	Int. mm	Ext. mm	Bend mm	W/P bar	B/P bar	Pack Mt.	RED	BLUE	GREEN	BLACK
1/4	6.3	124	45	16	64	100	TBPL 1/4 0 RO 100	TBPL 1/4 0 BL 100	TBPL 1/4 0 VE 100	TBPL 1/4 0 NE 100
3/8	9.6	15.5	75	16	64	100	TBPL 3/8 0 RO 100	TBPL 3/8 0 BL 100	TBPL 3/8 0 VE 100	TBPL 3/8 0 NE 100
1/2	12.7	18.7	90	16	64	100	TBPL 1/2 0 RO 100	TBPL 1/2 0 BL 100	TBPL 1/2 0 VE 100	TBPL 1/2 0 NE 100
5/8	16	22.9	115	16	64	80	TBPL 5/8 0 RO 080	TBPL 5/8 0 BL 080	TBPL 5/8 0 VE 080	TBPL 5/8 0 NE 080
3/4	19.2	26.5	135	16	64	80	TBPL 3/4 0 RO 080	TBPL 3/4 0 BL 080	TBPL 3/4 0 VE 080	TBPL 3/4 0 NE 080

13800

N/P Brass - PUSH-LOCK Female Hose Adaptor for Locking Hose

ØA	THREAD	ØTUBE	P/N
6	M10x1	1/4	13800 00 001
8	M12x1	1/4	13800 00 002
10	M16x1.5	1/4	13800 00 003
10	M16x1.5	3/8	13800 00 004
14	M20x1.5	3/8	13800 00 005
14	M20x1.5	1/2	13800 00 006
18	M24x1.5	1/2	13800 00 007
18	M24x1.5	5/8	13800 00 008
22	M30x1.5	3/4	13800 00 009

13810

N/P Brass - PUSH-LOCK Male Hose Adaptor for Locking Hose

THREAD	ØTUBE	P/N
1/8	1/4	13810 00 001
1/4	1/4	13810 00 002
1/4	3/8	13810 00 003
3/8	3/8	13810 00 004
3/8	1/2	13810 00 005
1/2	1/2	13810 00 006
1/2	5/8	13810 00 007
3/4	5/8	13810 00 008
3/4	3/4	13810 00 009

13820

N/P Brass - Nipple

THREAD	ØD	P/N
M10x1	1/8	13820 00 001
M10x1	1/4	13820 00 002
M10x1	3/8	13820 00 003
M12x1	1/8	13820 00 004
M12x1	1/4	13820 00 005
M12x1	3/8	13820 00 006
M16x1.5	1/4	13820 00 007
M16x1.5	3/8	13820 00 008
M16x1.5	1/2	13820 00 009
M20x1.5	3/8	13820 00 010
M20x1.5	1/2	13820 00 011
M24x1.5	1/2	13820 00 012
M24x1.5	3/4	13820 00 013
M30x1.5	3/4	13820 00 014
M30x1.5	1/2	13820 00 015

Hose & Tubing - *Push-In Tubing*

PUSH-IN TUBING

METRIC & IMPERIAL - The items listed below are what MAC carry as stock items.
If you cannot find the item you need please contact us directly as we may be able to source this for you.
Recoil available in most stock sizes. Twin-Recoil available in 4mm and 6mm as stocked items.

Contact us for tube Colours & Specifications.

SIZE	PU	PU TWIN	S.R NYLON	R. NYLON	FEP	KYNAR	PE	FDA PE	SPLATTER PROOF
4mm	✔	✔	✔	✔	✔				
6mm	✔	✔	✔	✔	✔	✔	✔	✔	
8mm	✔	✔	✔		✔	✔	✔	✔	✔
10mm	✔	✔	✔		✔		✔		
12mm	✔		✔			✔	✔		
14mm	✔								
16mm	✔								
1/8"	✔		✔			✔			
1/4"	✔		✔			✔	✔		
3/8"	✔		✔			✔	✔		
1/2"			✔			✔	✔		
9/16"	✔								

TUBE CUTTER

Polymer - Gives a clean cut to tubing at a right angle on size 3mm to 12mm

P/N
3000 71 00

CLIP

Clip Strips - For Tubing

ØD	P/N
4	CLIP 04 00
6	CLIP 06 00
8	CLIP 08 00
10	CLIP 10 00
12	CLIP 12 00
14	CLIP 14 00

Hose & Tubing - *Chemical Resistance Chart*

This information was provided by our suppliers and is to be used as a general reference guide to aid in the selection of the products in which chemical and material compatibility issues are a factor. This guide is not inteded as a complete nor conclusive database.

The resistance of material can be greatly affected by the temperature, consistency, and presence of other chemicals.

Ultimately the consumer must determine the chemical compatibility of an item based on the conditions in which the product is being used.

Rating Scale

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

	PUR	PE	PVC	Nylon	Kynar
Acetic Acid, Glacial	4	2	4	-	1
Acetic Acid, 30%	4	1	4	2	1
Acetone	4	2	4	1	4
Acetylene	1	4	1	1	1
Alkazene	4	-	-	-	-
Aluminum Chloride (aq)	3	2	1	-	1
Aluminum Nitrate (aq)	3	-	2	-	1
Ammonia Anhydrous	4	2	1	-	4
Ammonia Gas (cold)	3	-	3	1	4
Ammonia Gas (hot)	4	-	-	1	4
Ammonium Chloride (aq) 40%	2	1	1	-	1
Ammonium Sulfate (aq)	1	1	1	1	1
Amyl Alcohol	4	2	1	-	1
Amyl Naphthalene	4	-	-	-	-
Animal Fats	1	-	-	-	-
Aqua Regia	4	2	3	-	-
Arsenic Acid	3	2	1	-	1
Asphalt	2	1	1	-	1
ASTM Fuel A	2	-	-	-	-
ASTM Fuel B	3	-	-	-	-
ASTM Fuel C	3	1	4	-	-
Barium Chloride (aq)	1	2	1	1	1
Beer	2	2	1	1	1
Beet Sugar Liquors	4	1	1	-	1
Benzene	3	4	3	1	1
Benzine	2	-	-	-	-
Blast Furnace Gas	4	-	-	-	-
Bleach Solutions	4	1	1	-	1
Borax	1	1	1	-	1
Boric Acid	1	1	1	-	1
Brake Fluid	4	-	-	-	1
Brine	2	-	3	-	1
Bromine Water	4	-	3	4	1
Bunker Oil	2	-	-	-	-
Butane	1	3	3	1	1
Butter	1	-	-	-	-
Butyl Alcohol (Butanol)	3	1	3	1	1
Butylene	4	1	1	-	1
Calcium Chloride (aq)	1	1	3	1	1
Calcium Hydroxide (aq)	2	1	2	-	1
Calcium Nitrate (aq)	1	-	1	1	1
Calcium Sulfide (aq)	1	-	-	-	-
Cane Sugar Liquors	4	-	1	-	1
Carbolic Acid	3	4	3	-	-
Carbon Dioxide	1	2	1	-	1
Carbonic Acid	4	2	1	-	1
Carbon Monoxide	1	2	1	-	1
Carbon Tetrachloride	4	4	4	3	1
Castor Oil	1	1	1	-	1
Chlorine (dry)	4	3	4	4	1
Chlorine (wet)	4	3	-	4	1
Chloroform	4	4	4	3	1
Chlorox	4	-	-	-	-
Chromic Acid 50%	4	1	4	4	1
Citric Acid	1	1	2	1	1
Coal Tar (Creosote)	3	-	-	-	-
Coconut Oil	2	1	1	-	1
Cod Liver Oil	1	1	1	-	-
Coke Oven Gas	4	-	-	-	-
Copper Chloride (aq)	1	2	1	-	1
Copper Cyanide (aq)	1	2	1	-	1
Corn Oil	1	1	2	-	1
Cotton Seed Oil	1	1	2	-	1
Creosol (Methyl Phenol)	4	4	4	4	1
Cychlohexane	1	4	4	1	1
Denatured Alcohol	4	-	-	-	-
Detergent Solution	3	1	1	-	-
Diesel Oil	2	3	1	-	-
Dioxane	4	3	-	-	4
Dowtherm Oil	3	-	-	-	-
Dry Cleaning Fluids	4	-	-	-	-
Ethane	1	-	1	-	-
Ethyl Acrylate	4	-	-	-	1
Ethyl Alcohol (Ethanol)	4	2	3	3	1
Ethyl Benzine	4	-	-	-	-
Ethyl Cellulose	2	-	-	-	-
Ethyl Chloride	4	4	4	-	1
Ethyl Ether	3	4	4	-	1
Ethylene Chloride	4	4	4	-	-
Ethylene Glycol[5] (Anti-Freeze)	2	1	1	1	1
Ethylene Oxide	4	3	3	1	1
Ethylene Trichloride	4	4	-	-	-
Ferric Chloride (aq)	1	2	1	-	1
Ferric Nitrate (aq)	1	2	1	-	1
Ferric Sulfate (aq)	2	1	1	-	1
Fluroine (Liquid)	4	3	4	4	1
Formaldehyde (RT)	4	2	1	1	1
Formic Acid	4	2	1	4	1
Freon 11	4	3	1	-	-
Freon 12	1	1	1	1	-
Freon 22	4	-	1	1	-
Fuel Oil (Bunker 'C')	2	3	1	-	1
Gasoline (100 Octane, High Test)	3	4	3	1	1
Glue	1	1	3	-	1
Glycerin (Glycerol)	1	1	1	1	1
Glycols	4	-	-	1	-
Green Sulfate Liquor	1	-	-	-	-
Hexane	2	4[1]	2[2]	-	1
Hydraulic Oil	1	1-3	1	-	-
Hydrochloric Acid (cold) 37%	4	2	2	4	1
Hydrochloric Acid (hot) 37%	4	-	-	4	1
Hydrofluroic Acid (Conc.) (cold)	4	2	-	-	1
Hydrofluroic Acid (Conc.) (hot)	4	-	-	-	1
Hydrogen Gas	1	1	1	1	1
Isobutyl Alcohol	3	1	-	-	1
Isooctane	2	3	1	-	1
Isopropyl Acetate	4	3	4	-	-
Isopropyl Alcohol (Isopropanol)	3	1	-	1	1
Isopropyl Ether	2	1	2	-	1
Kerosene	1	4	2	1	1

	PUR	PE	PVC	Nylon	Kynar
Lacquers	4	1	4	-	-
Lacquer Solvents	4	1	3	-	-
Lard	1	1	1	-	1
Lavender Oil	4	-	-	-	-
Lead Acetate (aq)	4	1	1	-	1
Linseed Oil	2	3	1	1	1
Liquified Petroleum Gas	1	-	-	1	-
Lubricating Oils	1-2[3]	4	2	1	1
Lye	4	1-4[4]	1-2	-	-
Magnesium Chloride (aq)	1	2	1	1	1
Magnesium Hydroxide (aq)	4	2	1	-	1
Mercury	1	1	1	1	1
Methane	3	-	2	1	1
Methyl Acetate	4	2	4	1	1
Methyl Acrylate	4	-	-	-	1
Methyl Alcohol (Methanol)	4	1	1	1	1
Methyl Butyl Ketone	4	-	1	-	-
Methyl Chloride	4	4	4	1	1
Methylene Chloride	4	4	4	-	1
Methyl Ethyl Ketone	4	2	4	1	4
Methyl Isobutyl Ketone	4	3	4	1	4
Milk	4	1	1	1	1
Mineral Oil	1	3	1	1	1
Motor Oil 20W, 10W40	2	3	2	1	1
Naphtha (Lighter Fluid)	2	4	1	1	1
Naphthalene (Moth Repellent)	2	2	4	1	1
Natural Gas	2	-	1	-	1
Neatsfoot Oil	1	-	-	-	-
Nitric Acid 70%	4	2	-	4	1
Nitric Acid (Dilute) 10%	3	2	1	4	1
Nitroethane	4	-	-	-	1
N-Octane	4	1	-	-	1
Oleic Acid	2	1	3	1	1
Oleum Spirits	3	4	4	-	4
Olive Oil	1	1	-	-	1
Oxygen (cold)	1	-	-	1	1
Oxygen (200-400F)	4	-	-	-	-
Paint Thinner, Duco	4	-	-	-	-
Perchloric Acid	4	1	3	-	1
Perchloroethylene	4	4	3	3	1
Petroleum - Below 250F	2	3	-	-	1
Petroleum - Above 250F	4	-	-	4	-
Phenol (Carbolic Acid)	3	2	3-4	4	1
Phenyl Ethyl Ether	4	-	-	-	-
Phosphoric Acid - 45%	4	1	2	2	1
Pickling Solution	4	-	-	-	-
Picric Acid	2	1	4	3	1
Potassium Acetate (aq)	4	-	-	-	1
Potassium Chloride (aq)	1	2	1	-	1
Potassium Cyanide (aq)	1	2	1	-	1
Potassium Hydroxide (aq)	4	1	1	3	4
Producer Gas	1	1	1	-	-
Propane	1	4	1	1	1
Propyl Alcohol (Propanol)	4	1	1	-	1
Propylene	4	-	2	-	-
Propylene Glycol (Anti-Freeze)	3	1	3	2	1
Propylene Oxide	4	2	-	-	4
Pydraul, 10E, 29 ELT	4	-	-	-	-
Pydraul 30E, 50E, 65E	4	-	-	-	-
Pydraul, 115E	4	-	-	-	-
Pydraul 230E, 312C, 540C	4	-	-	-	-
Rapeseed Oil	2	4	-	-	-
RJ-1 (MIL-F-23338 B)	1	-	-	-	-
RP-1 (MIL-F-25576 C)	1	-	-	-	-
Salt Water	2	1	1	1	1
Sewage	1	-	-	-	1
Silicate Esters	1	-	-	-	-
Silicone Oils	1	1	1	-	1
Silver Nitrate	1	1	1	-	1
Skydrol 500	4	-	-	-	-
Skydrol 700	4	-	-	-	-
Soap Solutions	3	4	1	1	-
Sodium Chloride (aq)	1	1	1	1	-
Sodium Hydroxide (aq)	4	1	1	2	4
Sodium Peroxide (aq)	4	1	2	-	1
Sodium Phosphate (aq)	1	-	-	-	1
Sodium Sulfate (aq)	1	1	1	-	-
Soy Bean Oil	2	1	1	-	1
Stoddard Solvent	1	3	3	-	-
Styrene (Monomer)	4	-	4	1	1
Sucrose Solution	4	2	-	-	-
Sulfuric Acid (Dilute Battery Acid)	3	1	1	-	1
Sulfuric Acid (Conc)	4	2	4	-	1
Sulfuric Acid (20% Oleum)	4	-	4	-	4
Sulfurous Acid	4	2	1	-	-
Tannic Acid	4	1	1	-	1
Tetrochlorethylene	4	2	4	-	-
Toluene (Toluol)	4	3	4	1	1
Transformer Oil	2	-	2	-	-
Transmission Fluid Type A	2	-	-	-	-
Trichloroethane	4	4	3	3	1
Trichloroethylene	4	4	4	3	1
Turbine Oil	1	3	1	1	-
Turpentine	4	4	4	1	1
Varnish	3	3	4	-	1
Vinegar	2	1	1	1	1
Vinyl Chloride	4	4	4	-	1
Water	1	1	1	1	1
Whiskey, Wines	2	1	1	1	1
White Oil	1	-	-	-	-
Wood Oil	3	-	-	-	-
Xylene	4	4	4	1	1
Zinc Acetate (aq)	4	-	-	-	1
Zinc Chloride (aq)	2	1	1	1	1

1 Petroleum Base **2** Synthetic Base =1, Petroleum Base = 3
3 SAE 10, 20, 30, 40, 50 = 1, Petroeum = 2
4 Calcium Hydroxide & Potassium (Hydroxide=1, Sodium Hydroxide=4) **5** See Propylene Glycol **6** See Ethylene Glycol