

resistance table

International symbols

Usual designations

RUBBER:

NR:

Natural rubber

SBR:

Styrene Butadiene rubber

NBR:

Nitrile rubber

EPDM:

Ethylene Propylene rubber

IIR:

Butyl rubber

CR:

Chloroprene (Neoprene) rubber

CSM:

Polyethylene Chlorosulfonate (Hypalon) rubber

PLASTIC:

FEP:

Fluorinated Ethylene Propylene (Teflon)

PP:

Polypropylene

UPE:

High molecular weight Polyethylene

Reading the table

Chemical resistance table rating

- A** - Good to excellent resistance.
- B** - Acceptable to limited resistance.
Satisfactory for non-continuous use.
- C** - Unsatisfactory resistance.
Not recommended.

Temperatures of the product conveyed in °C

Symbols

NR		SBR		NBR	
25	70	25	70	25	70
C	C	B	C	B	B
C	C	C	C	C	C
B	C	C	C	C	C

Acetamide
Acetic acid chloride
Acetic acid, < 10%

Ratings according to temperatures

List of products conveyed



Nature of the tube

(refer to corresponding hose on page 2)


Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		IPE		
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70	
																								
Acetaldehyde <i>(Acetic aldehyde / Ethanal / Ethylaldehyde)</i>	C	C	C	C	C	C	A			A			C	C	C	C	C	A	A	A	B	A		
Acetamide	C	C	B	C	B	B	A	A	A	A	A	A	B	B	B	B	B	A	A	A			A	
Acetic acid chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C				B						
Acetic acid, < 10%	B	C	C	C	C	C	A	C	C	A	B	B	C		B	C	C	A	A	A	A	A	A	A
Acetic acid, < 30%	B	C	C	C	C	C	B	C	C	A	B	C	C	C	B	C	C	A	A	A	B	A	B	
Acetic acid, < 60%	C	C	C	C	C	C	B	C	C	B	C	C	C	C	C	C	C	A	A	A	C	A	B	
Acetic acid, gas	C	C	C	C	C	C	A	C	C	A			C	C	C	C	C	A	A				A	
Acetic acid, solution with more than 80% acid, by mass	C	C	B	C	C	C	C	C	C	B	B	C	C	C	C	C	C	A	A	B	C	A	C	
Acetic aldehyde <i>(Acetaldehyde / Ethanal / Ethylaldehyde)</i>	C	C	C	C	C	C	A			A			C	C	C	C	C	A	A	A	B	A		
Acetic anhydride <i>(Diacetic ether)</i>	B	C	B	C	C	C	B			B			C	C	A	C	C	A	A	B	C	A	B	
Acetic ester	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A				A	
Acetic ether <i>(Ethyl acetate)</i>	C	C	C		C	C	B			B			C	C	C	C	C	A	A	B	C	A	B	
Acetone <i>(Dimethylketone / 2-Propanone)</i>	A	B	A	B	C	C	A	A		A	A		B		C	C	C	A	A	A	A	A	A	B
Acetonitrile <i>(Methyl cyanide)</i>	C	C	C	C	C	C	B			C	C	C	A		B			A	A	B			A	C
Acetophenone	C	C	C	C	C	C	B	B		A			C	C	C	C	C	A	A	A	C	A		
Acetyl chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A		A	B	B	C	
Acetylacetone	C	C	C	C	C	C	A			B			C	C	C	C	C	A	A				A	
Acetylene <i>(Ethyne)</i>	B	B	B		A	B	A			A	B		B	C	B	C	C	A	A	A	A	A	A	A
Acetylene dichloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				B	
Acetylene tetrachloride <i>(Tetrachloroethane)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A		C	C	A		
Acrolein	B		B		B		B			A			C	C	B			B						
Acrozinc	C	C	C	C	C	C	A			A			C	C	C	C	C							
Acrylic acid ethylester <i>(Ethyl acrylate)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	B				A	
Acrylic acid methylester <i>(Methyl acrylate)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	B				A	
Acrylic acid, inhibited	B	C	C	C	C	C	A			C	C	C	B	C	C	C	C	A	A	A	B	A		
Acrylic anhydride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						
Acrylic nitrile	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C	A		
Acrylonitrile	C	C	C	C	C	C	C	C	C	C	C	C	B	C	C	C	C	A	A	B	C	A		
Adipic acid	A		A		A		A			A			A		A			A	A	B	B	A	A	
Adipic acid ethylester <i>(Ethyl adipate)</i>	C	C	C	C	C	C	B			C	C	C	C	C	C	C	C	A	A				A	
Air	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Alabaster <i>(Calcium sulphate)</i>	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Aliphatic hydrocarbons	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	A	A	A	A	A
Aliphatic solvents	C	C	C	C	A		C	C	C	C	C	C	B		C	C	C	A	A	C	C	A		
Alkali <i>(See Ammonia or Ammonium hydroxide)</i>																								
Alkylbenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C	A		
Alkylsulfonate	B		B		A		A			A			B		B			A	A					
Allyl acetate	C	C	C	C	C	C												A	A				A	
Allyl alcohol <i>(3-Propenol / Vinylcarbinol)</i>	A		A		A		A	A		A	A		A	A	A	A		A	A	A	A	A	A	A
Allyl bromide	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				B	
Allyl chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B		
Allyl metacrylate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A			A		C	C	A		
Alpha-methylstyrene <i>(Alpha-methylstyrol / Methylstyrene (alpha))</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				A	
Alpha-methylstyrol <i>(Alpha-methylstyrene / Methylstyrene (alpha))</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				A	
Alumina acetate	A		A		B		A			A			B		B			A	A	A	A	A	A	
Aluminium bromide	A		A		A		A			A			A		A			A	A				A	
Aluminium chlorate	A		A		A		A			A			A		A			A	A				A	
Aluminium chloride	A		A		A		A			A	A		A		A			A	A	A	A	A	A	A
Aluminium fluoride	A	A	A	A	A	A	A	A		A			B		B	B		A	A	A	A	A	A	A
Aluminium fluorosilicate	A		A		A		A			A			A		A			A						
Aluminium formate	C	C	C	C	C	C	A			A			B		A			A					A	
Aluminium hydrate <i>(Aluminium hydroxide)</i>	A	A	B	B	B	B	A			A	A		A	A	B	B		A	A	A	A	A	A	A
Aluminium hydroxide <i>(Aluminium hydrate)</i>	A	A	B	B	B	B	A			A	A		A	A	B	B		A	A	A	A	A	A	A
Aluminium iodide	B	C	B		A		A			A			C	C				A	A					

Table rating:

A - Good to excellent. **B** - Acceptable to limited. Satisfactory for non-continuous use. **C** - Unsatisfactory. Not recommended.

Nature of the tube

(refer to corresponding hose on page 2)

Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE		
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70	
Aluminium nitrate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Aluminium phosphate	A		A		A		A		A		A		A		A		A		A		A		A	
Aluminium silicate <i>(Kaolin)</i>	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Aluminium sulphate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Alums	A	A	A	A	A	A	A	A		A	A		A	A	A	A		A	A	A	A	A	A	A
Amino acids	C	C	C	C	B		A			A			B		C	C	C	A	A				A	
Aminoacetic acid <i>(Glycine)</i>	C	C	B	C	B	B	A	A	A	A	A	A	B	B	B	B	B	A	A	A			A	
Aminobenzene <i>(Aniline / Phenylamine)</i>	C	C	C	C	C	C	A	A	B	A	A	B	C	C	C	C	C	A	A	B	C	A	B	
Aminodiethyl	C	C	B	C	C	C	C	C	C	C	C	C	C	C	B	C	C	A	A	A	B	A	B	
Aminoethanol	A	B	B	C	C	C	A	A		A	A		B	C	C	C	C	A	A	A	A	A	A	A
Aminoethylethanolamine					C	C	B											A	A				A	
Aminopropanol	A	B	C	C	C	C	B	C	C	C	C	C	C	C	C	C	C	A	A				A	
Ammonia, anhydrous	A	C	A	C	A	C	A	B	C	A	C	C	A	B	A	B	C	A	A	A	B	A	A	
Ammonia, solution 10% <i>(Alkali / Ammonium hydroxide, 10%)</i>	A	A	A	B	A	B	A	A	B	A	A	A	A	A	A	A	A	A	A	A	B	A	A	
Ammonia, solution 35% <i>(Alkali / Ammonium hydroxide, 35%)</i>	A	B	A	B	A	B	A	B	C	A	A	A	A	B	A	A	B	A	A	A	A	A	A	A
Ammonium acetate	A	B	A		B		A			A			B		B			A	A	A	B	A		
Ammonium bromide										B					A			A						
Ammonium carbonate	A	A	A	A	C	C	A	A	A	A	A	A	A	B	C	C	C	A	A	A	A	A	A	A
Ammonium chloride	A	A	A	A	A	A	A	A		A	A		A	A	A	A		A	A	A	B	A	A	
Ammonium fluoride	A	B	A	B	A	B	A	A	A	A	A	B	A	B	A			A	A	A	A	A	A	A
Ammonium hydroxide, 10% <i>(Alkali / Ammonia, solution 10%)</i>	A	A	A	B	A	B	A	A	B	A	A	A	A	A	A	A	A	A	A	A	B	A	A	
Ammonium hydroxide, 35% <i>(Alkali / Ammonia, solution 35%)</i>	A	B	A	B	A	B	A	B	C	A	A	A	A	B	A	A	B	A	A	A	A	A	A	A
Ammonium metabisulphite	A		A		A		A			A			A		A			A	A	A			A	
Ammonium metaphosphate	A		A		A		A			A			A		A			A	A	A	A	A	A	
Ammonium nitrate	A	A	A	A	A	A	A	A		A	A		B		A	A		A	A	A	A	A	A	A
Ammonium oxalate							A											A	A	A			A	
Ammonium persulphate	A		B	C	C	C	B			B	C	C	B	C	A			A	A	A			A	
Ammonium phosphate	A	A	A		A		A			A	A		A		A	A		A	A	A	A	A	A	
Ammonium pyrosulphate	A		A		A		A			A			A		A			A	A	A			A	
Ammonium stearate	B	C	B	C	A	B	B	B		B	B		B	B	B	C	C	A	A				A	
Ammonium sulphate	A	A	A	A	A	A	A	A		A	A		A		A	A	A	A	A	A	A	A	A	
Ammonium sulphide	A		A		A		A			A			A		A			A	A	A	A	A	A	A
Ammonium sulphite	A		A		A		A	A		A			A		A			A	A	A			A	A
Ammonium thiocyanate	A		A		A		A	A		A			A		A			A	A					
Ammonium thisulphate	A		A		A		A			A			A		A	A		A	A	A			A	
Amyl acetate <i>(n-Pentyl acetate)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	B	C	A	B	
Amyl acetone	C	C	C	C	C	C				B			C	C	C	C	C	A	A				A	
Amyl alcohol <i>(1-Pentanol)</i>	A	B	A		A	A	A	A		B	B		A	A	A	A	A	A	A	A	A	A	A	A
Amyl borate	C	C	C	C	A		C	C	C	C	C	C	A		A			A					A	
Amyl chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A		
Amyl oleate	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A				A	
Amyl phtalate <i>(Diamyl phtalate)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	B	C	A	B	
Amylamines (n-Amylamine, tert-Amylamine)	C	C	B		C	C	C	C	C	A			C	C	B			A	A	B	C	A	C	
Amylchloronaphtalene	C	C	C	C	B		C	C	C	C	C	C	C	C				A	A					
Amylnaphtalene	C	C	C	C	C	C	C	C	C	C	C	C	C	C				A					A	
Amylphenol	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				A	
Anethole	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					B	
Aniline <i>(Aminobenzene / Phenylamine)</i>	C	C	C	C	C	C	A	A	B	A	A	B	C	C	C	C	C	A	A	B	C	A	B	
Aniline colouring	C	C	C	C	C	C	B			B			C	C	C	C	C	A		B			A	
Aniline hydrochloride	A		B		C	C	B			C	C	C	C	C	C	C	C	A					A	
Animal and vegetable oils	C	C	C	C	A		B			C	C	C	B		B			A	A				A	
Animal and vegetable wax	C	C	C	C	A		C	C	C	C	C	C	B		C	C	C	A	A				A	
Animal fat	C	C	C	C	A	A	C	C	C	B			B		B			A	A				A	
Anisole <i>(Phenyl methyl ether)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A		B			A	
Antifreeze (glycols based)	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A	A
Antimony chloride	A		A		B		A			A			A		A			A	A	A	B	A	A	
Antimony pentachloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				C	C
Argon	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

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Nature of the tube

(refer to corresponding hose on page 2)

Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70
Aromatic hydrocarbons	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A	A	A	A	A	A
Arsenic acid, liquid	A		A		B		A			A			A		A			A	A	A	C	A	A
Asphalt <i>(Bitumen)</i>	C	C	C	C	A	B	C	C	C	C	C	C	B	C	B	C	C	A	A	A	A	A	A
ASTM1 oil	C	C	C	C	A	A	C	C	C	C	C	C	B	B	B	C	C	A	A	A			A
ASTM2 oil	C	C	C	C	A	A	C	C	C	C	C	C	B	B	C	C	C	A	A	A			A
ASTM3 oil	C	C	C	C	A	A	C	C	C	C	C	C	B	C	C	C	C	A	A	A			A
B																							
Barium carbonate	A	A	A	A	A	A	A			A	A	A	B	B	A	A		A	A	A	A	A	A
Barium chloride	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A	A	A
Barium chromate	B		B		B		A			A	A		B	C	B	C	C	A	A	A	A	B	B
Barium cyanide	A		A		A		A	A		A			A		A	A		A	A	C	C	A	
Barium hydrate <i>(Barium hydroxide)</i>	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A
Barium hydroxide <i>(Barium hydrate)</i>	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A
Barium nitrate	A	A	A	A	A	A	A	A		A			A		A	A		A	A	A	A	A	A
Barium oxide	A		A		A		A			A			A		A			A	A				A
Barium oxide, aqueous	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Barium stearate	B	C	B	C	A	B	B	B		B	B		B	B	B	C	C	A	A				A
Barium sulphate	A		A		A		A			A			A		A			A		A			A
Barium sulphide	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A	A	A
Baryta water	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			A
Beer	A		A		A		A			A	B	B	A		A			A	A	A	A	A	A
Benzaldehyde <i>(Benzoic aldehyde)</i>	C	C	C	C	C	C	B			A		C	C	C	C	C	C	A	A	A	B	A	B
Benzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C	A	
Benzoic acid	A		B		B	C	B	B		A			B		B			A	A	B	C	A	A
Benzoic acid aldehyde	C	C	C	C	C	C	A	B	B	B	C	C	C	C	C	C	C	A	A	A	B	A	
Benzoic acid benzylester	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A				
Benzoic aldehyde <i>(Benzaldehyde)</i>	C	C	C	C	C	C	B			A		C	C	C	C	C	C	A	A	A	B	A	B
Benzonitrite																		A	A				
Benzo-o-dicarboxylic acid	C	C	A		B		A			A			B		A								
Benzophenol	C	C	C	C	C	C				B			C	C				A	A				
Benzophenone	C	C	C	C			B			B			C	C									
Benzosulfonic acid	C	C			C	C	C	C	C	B			A		A			A	A	C	C	A	
Benzyl acetate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A				A
Benzyl acrylate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	B				
Benzyl alcohol	C	C	C	C	C	C	A	B		A	B		B	C	B	C		A	A	A	A	A	A
Benzyl benzoate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	B				A
Benzyl chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A			A
Benzyl ether <i>(Dibenzyl ether)</i>	C	C	C	C	C	C	C	C	C	B			C	C	C	C	C	A	A				A
Benzylidene chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C						
Biphenyl	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
Bismuth carbonate	A		A		A		A			A			A		A			A	A	A			A
Bitter almonds oil	C	C	C	C	C	C	B			A		C	C	C	C	C	C	A	A	A	B	A	B
Bitumen <i>(Asphalt)</i>	C	C	C	C	A	B	C	C	C	C	C	C	B	C	B	C	C	A	A	A	A	A	A
Blast furnaces gas			C	C						B			C	C				A	A				A
Bleach water, 20% <i>(Sodium hypochlorite, 20%)</i>	C	C	C	C	C	C	A	B		B			C	C	A	B	C	A	A	B	C	A	B
Bleach water, 25% <i>(Sodium hypochlorite, 25%)</i>	C	C	C	C	C	C	A	B		B			C	C	B	C	C	A	A	B	C	A	B
Borax <i>(Sodium tetraborate)</i>	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Boric acid	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A	A	A	A	A
Borofluoric acid <i>(Fluoboric acid / Fluoroboric acid / Borofluoro hydride)</i>	A	A	A	A	A		A	A	A	A	A	C	A		A			A	A	A	B	A	
Borofluoro hydride <i>(Borofluoric acid / Fluoboric acid / Fluoroboric acid)</i>	A	A	A	A	A		A	A	A	A	A	C	A		A			A	A	A	B	A	
Brake fluid	A		A		A	A	A	A		B			B		A	A		A	A	C	C	A	
Brine	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A	A	A
Bromine	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B	C
Bromium water	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
Bromobenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				B
Bromochloroethane	C	C	C	C	C	C	A			B	C	C	C	C	C	C	C	A					B
Bromochloromethane	C	C	C	C	C	C	B		C	B		C	C	C	C	C	C	A		A			B
Bromochloropropane	C	C	C	C	C	C	B		C	B		C	C	C	C	C	C	A		A			B

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Nature of the tube

(refer to corresponding hose on page 2)


Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE		
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70	
Bromoform <i>(Tribromomethane)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	B					B	
Bromotoluene	C	C	C	C	C	C	C	C	C	C	C	C	B		C	C	C	A					B	
Butadiene monomer	C	C	C	C	C	C	C	C	C	C	C	C	B		B			A	A	B			A	
Butane	C	C	C	C	A					C	C	C	B		A			A	A	A			A	A
Butanediol (1,2- / 1,3- / 2,3-) <i>(Butyleneglycol (1,2- / 1,3- / 2,3-))</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A	A
1,4-Butanediol <i>(Tetramethyleneglycol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A	A
Butanethiol <i>(Butylmercaptan)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C				A					A	
Butanol <i>(Butyl alcohol)</i>	A	A	A	A	A	A	A	A		A	A	A	A	C	A	A	A	A	A	A	B		A	A
Butanone <i>(Ethylmethylketone / Methyl ethylketone)</i>	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	B			A	
2-Butoxyethanol <i>(Butylglycol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A	A
Butter	C	C	C	C	A		B			B			B		A			A	A				A	
n-Butylamine	C	C	B	C	C	C	C	C	C	B	C	C	C	C	B	C	C	A	A	B	C		A	C
Butyl acetate <i>(Butylacetic ether)</i>	C	C	C	C	C	C	B	C	C	B			C	C	C	C	C	A	A	C	C		A	B
Butyl acetoacetate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B			A	A				A	
Butyl acrylate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	B				B	
Butyl alcohol <i>(Butanol)</i>	A	A	A	A	A	A	A	A		A	A	A	A	C	A	A	A	A	A	A	B		A	A
Butyl benzoate					C	C	B			A			C	C	C	C	C	A	B				A	
n-Butyl bromide	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				B	
Butyl butyrate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A	
Butyl chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B			A	C
Butyl ether <i>(Dibutyl ether)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A			A	
Butyl ethyl acetaldehyde	C	C	C	C	C	C	A			A			B		B	C	C	A	A				A	
Butyl ethyl ether	C	C	C	C	C	C	C	C	C	A	C	C	C	C	C	C	C	A	A				A	
Butyl metacrylate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A			A		C	C		A	
Butyl monobutyl ether	C	C	C	C	C	C	C	C	C	A					C	C	C	A	A				A	
Butyl oleate	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A				A	
Butyl phtalate	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	B	C		A	B
Butyl sebacate	C	C	C	C	C	C	A			A			C	C	C	C	C							
Butyl stearate	C	C	C	C	A	A	B	C	C	B	B	C	C	C	C	C	C	A	A				A	
Butylacetic ether <i>(Butyl acetate)</i>	C	C	C	C	C	C	B	C	C	B			C	C	C	C	C	A	A	C	C		A	B
Butylaldehyde	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A				A	
Butylbenzene	C	C	C	C	C	C	C	C	C	C	C	C			C	C	C	A	A				A	
Butylbenzene phtalate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	B	B		A	C
Butylbenzoic ether	C	C	C	C	C	C	A			A			C	C	C	C	C	A	A					
Butylcarbitol	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A		A	A
Butylcatechol	C	C	C	C	C	C	A	B	B	A	B	B	C	C	C	C	C	A	A					
Butylene	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A	A					
Butyleneglycol (1,2- / 1,3- / 2,3-) <i>(Butanediol (1,2- / 1,3- / 2,3-))</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A	A
Butylglycol <i>(2-Butoxyethanol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A	A
Butylmercaptan <i>(Butanethiol)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C				A					A	
Butylphenol	C	C	C	C	C	C	C	C	C	C	C	C	C	C				A		A				
Butyric acid	C	C	C	C	B		C	C	C	B			B		B			A	A	B			A	A
Butyric acid butylester	C	C	C	C	C	C				A														
Butyric acid ethylester	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A					
Butyric aldehyde	C	C	C	C	C	C	B			C			C	C	C	C	C	A	A				A	
Butyric anhydride	B		C	C	B		C	C	C	B			B		A			A	A				A	
																								
Cadmium acetate	C	C			C	C				A					A			A	A				A	
Cadmium chloride	A		A		A	A				A			A		A								A	
Cadmium sulphate	B	B	B	B	A	A	A	A		A	A		A	A	A	A		A	A	A	B		A	A
Calcium acetate	A	A			B		A			A			B		B			A	A	A				
Calcium aluminate	A	A	A		A		A	A		A					A	A	A	A	A				A	A
Calcium arsenate	A		A		A		A	A		A					A	A		A	A				A	
Calcium bromide	A		A		A		A			A			A		A			A	A				A	
Calcium carbonate	A	A	A	A	A	A	A	A		A	A		A	A	A	A		A	A	A	A	A	A	A
Calcium chlorate	A	A	A	A	A	A	A	A		A	A	A	A		A	A		A	A	A	A	A	A	A
Calcium chloride	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A	A	A	A
Calcium chromate	B		B		B		A			A	A		B	C	C	C	C	A	A	A	A		B	B

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Nature of the tube

(refer to corresponding hose on page 2)

Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70
Calcium cyanide	A		A		A		A	A		A			A		A	A		A	A			A	
Calcium dichromate	B		B		B	C	A	B		A	A		A		A	C	C	A	A	A		A	
Calcium fluoride	A	A	A	A	A	A	A	A		A			B		B	B		A	A	A	A	A	A
Calcium fluorophosphate																		A					A
Calcium hydroxide (Lime)	A	A	A	A	A		A	A		A	A	A	A	A	A	A		A	A	A	A	A	A
Calcium hypochloride	C	C	C	C	C	C	A	B		B			B		C	C	C	A	A			A	
Calcium hypochlorite	C	C	C	C	C	C	A			A	A	A	C	C	A	A		A	A	A		A	A
Calcium hypochlorite, 25%	C	C	C	C	C	C	A			A			C	C	A			A	A	A		A	A
Calcium hypochlorite, dry	C	C	C	C	C	C	A			B			C	C	A			A	A	A		A	A
Calcium iodide	A		A		A		A			A			A		A			A	A				
Calcium metabisulphite	A	A	A	A	A	A	A	B		A	A		A	A	A	A	A	A	A	A	A	A	A
Calcium nitrate	A	A	A	A	A	A	A	A		A	A		A		A	A		A	A	A	A	A	A
Calcium oleate	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A					
Calcium oxide	A		A		A		A			A			A		A			A	A	A		A	
Calcium phosphate	A		A		A		A			A			B		A			A	A	A		A	
Calcium pyrophosphate	A		A		A		A			A			B		A			A	A	A		A	
Calcium pyrosulphate	A		A		A		A			A			A		A			A	A	A		A	
Calcium silicate	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			A	
Calcium stearate	B	C	B	C	A	B	B	B		B	B		B	B	B	C		A	A			A	
Calcium sulphate (Alabaster)	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A	A	A
Calcium sulphide	A	A	A		A	A	A	A		A			A		A	A	A	A	A	A	A	A	A
Calcium sulphite	A		A		A		A	A		A			A		A			A	A	A		A	A
Calcium thiosulphate	A		A		A		A			A			A		A	A		A	A	A		A	
Camphor	C	C	C	C	A		C	C	C	C	C	C	B										A
Caproic acid (Hexanoic acid)	C	C	C	C	C	C				B					A			A	A			A	
Caprolactam	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A			A	
Caprolactone	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C						
Caprylic acid	C	C	C	C	C	C	C	C	C	B					A			A	A			A	
Caprylic aldehyde	B						B			B			B					A	A			A	
Carbamate	C	C	C	C	C	C	B			B			B		B			A					
Carbinol (Methanol / Methyl alcohol)	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A	B	A
Carbitol (Diethyleneglycol monoethyl ether)	A	A	A	A	A	A	A	A		A	A		A	A	A	A		A	A	A	A	A	A
Carbolic acid (Monohydroxybenzene / Phenic acid / Phenol / Phenyl hydroxide)	C	C	C	C	C	C	A	B	B	A	B	B	C	C	C	C	C	A	A	A	C	A	B
Carbon dioxide (Carbonic acid / Carbonic anhydride)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A
Carbon disulphide	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C	A	
Carbon disulphide (Carbon sulphide)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	C
Carbon monoxide (Carbon oxide)	A	B	A	B	A	A	A	A		A	A		A	A	A	A		A	A	A		A	
Carbon oxide (Carbon monoxide)	A	B	A	B	A	A	A	A		A	A		A	A	A	A		A	A	A		A	
Carbon oxychloride (Carbonyl chloride / Phosgene)	C	C	C	C	B		A			A			A		A			A		C	C		
Carbon sulphide (Carbon disulphide)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	C
Carbon tetrachloride (Tetrachloromethane)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B	C
Carbonic acid (Carbon dioxide / Carbonic anhydride)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A
Carbonic anhydride (Carbonic acid / Carbon dioxide)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	A	A
Carbonyl chloride (Carbon oxychloride / Phosgene)	C	C	C	C	B		A			A			A		A			A		C	C		
Castor oil	C	C	C	C	A		B			B			A		B			A	A	A	A	A	
Caustic lithia	B		B		B		B			B			B		B			A	A				
Caustic potash, 25% (Potassium hydroxide 25%)	A	A	A	A	B	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Caustic potash, 50% (Potassium hydroxide 50%)	A	A	A	B	B	C	A	A	A	A	A		B	B	A	B		A	A	A	A	A	A
Caustic soda, 25% (Sodium hydroxide, 25%)	A	A	A	A	B	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Caustic soda, 50% (Sodium hydroxide, 50%)	A	A	A	A	B	C	A	A	A	A	A		A	B	A	A	B	A	A	A	B	A	B
Cellulose acetate	B		C	C	A		B			A			C	C				A	A	A		A	
Cellulosic solvents	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A	A			A	
Cetyl alcohol	C	C			C	C	A			A			C	C	C	C	C	A	A				
Cetylacetic acid, alcohol solution	B	C	B	C	B	B	B	B		B	C	C	B	B	B	B		A	A	B	C	A	
Chloramine	A		A		A		A			A			A		A								A
Chlorhydrine	B		B		C	C	B			B			C	C	C	C	C	A					
Chlorinated solvents	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	B
Chlorinated water	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	C	C	A	B
Chlorinated water, 25%	C	C	C	C	C	C	B			C	C	C	C	C	C	C	C	A	A	C	C	A	B
Chlorine	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
Chlorine	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B	C

Nature of the tube

(refer to corresponding hose on page 2)

Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70
Chlorine dioxide	C	C	C	C	C	C	B	C	C	C	C	C	C	C	B	C	C	A	A	B	C	B	C
Chlorine peroxide	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B			A		C	C		
Chloroacetic acid ethylester	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C			C	C		
Chloroacetic acid solution	B	C	B	C	C		B			A			B	C	A	B		A	A	B	C	A	B
Chloroacetone	C	C	C	C	C	C	A			C	C	C	C	C	C	C	C						A
Chlorobenzene (Monochlorobenzene)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	B	A	
Chlorobromomethane	C	C	C	C	C	C	B			C	C	C	C	C	C	C	C	A		A	C		
Chlorobutadiene (Chloroprene)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					B
Chlorodifluoromethane (Difluorochloromethane / Freon 22)	B		B		C	C	A			A			A		A			A		B			A
Chlorodiphenyl	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					
Chloroethanol	C	C	B		C	C	A			B			B		B	C	C	A	A	A			A
Chloroform	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C	B	C
Chloromethane (Methyl chloride / Monochloromethane)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
Chloronaphtalene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B					
1-Chloropentane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
2-Chloropentane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
Chlorophenol	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				B
Chloroprene (Chlorobutadiene)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					B
Chlorosulphonic acid (Sulphuric chlorhydrine)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B	C
Chlorotoluene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					B
Chromic acid, solution < 30%	C	C	C	C	C	C	B	C	C	B	C	C	C	C	A	A		A	A	C	C	A	B
Chromic acid, solution > 30%	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B			A	A	C	C	A	B
Chromium alum	C	C	C	C	B		A						B		A			A	A	A	A	A	A
Chromium bath	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				
Chromosulphuric acid	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C						
Cider	A		A		A		A			A			A		A			A	A	A			A
Cinnamaldehyde	B		C	C	C	C	A			A			C	C				A	A				A
Citric acid	A	A	A	A	A	A	A	A	B	A	A		A		A	A	A	A	A	A	B	A	A
Coal tar oil	C	C	C	C	A		C	C	C	C	C	C	B		C	C	C	A					
Cobalt chloride	A		A		A		A			A								A	A				A
Cocoa butter	C	C	C	C	C	C	C	C	C	C	C	C	C	C				A	A	A			
Coconut oil	C	C	C	C	A		B			C			C	C	B			A	A	A	B	A	
Cod liver oil	C	C	C	C	A		B			B			C	C	B			A	A	A	B	A	
Coke kiln gas			C	C						C	C	C	C	C				A	A				A
Colza oil (Rapeseed oil)	C	C	C	C	B		B			A			B		B			A	A				A
Copper (II) chloride	B		A		A		A			A			A		A			A	A	A	A	A	A
Copper (II) cyanide	A		A		A		A			A			B		B			A	A	A	A	A	A
Copper (III) chloride	A		A		A		A			A			A		A			A	A	A			A
Copper acetate	B		B		C	C	A	A		A	A		B		A	A		A	A	A			A
Copper arsenate	A		A		A		A	A		A	A		A	A	A	A		A	A				A
Copper carbonate	C	C	B	C	A		A			A			A		A			A		A	A	A	A
Copper chloride	B		A		A	A	A			A	A		A		A			A	A	A	A	A	A
Copper cyanide	A		A		A	A	A			A			B		B			A	A				A
Copper fluoride	A		A		B		A			A			B		B			A	A	A	B	A	
Copper hydroxide	C	C	B		B		A			A			A		B			A					A
Copper nitrate	B		B		B		A	A		A	A		A		A	A		A	A	A	B	A	A
Copper sulphate (Copper vitriol)	B	C	B	C	B	C	A	A		A	A		A	B	A	A		A	A	A	A	A	A
Copper vitriol (Copper sulphate)	B	C	B	C	B	C	A	A		A	A		A	B	A	A		A	A	A	A	A	A
Coton oil	C	C	C	C	A		B			C	C	C	B		B			A	A	A			A
Creosote oil	C	C	C	C									C	C	C	C	C	A		C	C	A	
Creosotes	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A					A
o-Cresol (2-Methylphenol)	C	C	C	C	C	C	B	B	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
Cresols (m-,p-)	C	C	C	C	B		C	C	C	C	C	C	C	C	B	C	C	A	A	C	C	A	
Cresylic acid	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				A
Crotonic aldehyde	B		B		A		A			A			A		A			A	A				A
Cryolite, 10%	A		A		B		A	A		A			A		A			A	A	A	A	A	A
Culin lard	C	C	C	C	A		B	C	C	B	C	C	B	B	C	C	C	A	A	B			A
Cumene (Isopropylbenzene)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A			A
Cyclohexane (Hexahydrobenzene)	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
Cyclohexanecarboxylic acid	C	C	C	C	B		C	C	C	C	C	C	C	C				A					A
Cyclohexanol (Hexahydrophenol / Hexaline)	C	C	C	C	B		C	C	C	C	C	C	A		A			A	A	A	B	A	A

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Nature of the tube

(refer to corresponding hose on page 2)

Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE		
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70	
Cyclohexanone	C	C	C	C	C	C	B			B	C	C	C	C	C	C	C	A	A	B	C	A	B	
Cyclohexylamine	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				A	
Cymenes (o-, m-, p-) <i>(Methylisopropylbenzene)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A	
D																								
DBP <i>(Dibutyl phthalate)</i>	C	C	C	C	C	C	B			B				C	C	C	C	C	A	A	B	C	A	B
Decahydronaphthalene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A		C			A	
n-Decane	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A				A	
Developing bath (photo)	A		B		A		A			B				A		C	C	C	A	A	A		A	
Dextrin	A		A		A		A	A		A				A		A		A	A	A	A	A	A	A
Dextrose	A	A	A		A	A	A	A		A				A		A	A	A	A	A	A	A	A	A
Diacetic ether <i>(Acetic anhydride)</i>	B	C	B	C	C	C	B			B				C	C	A	C	C	A	A	B	C	A	B
Diacetone alcohol	C	C	C	C	C	C	A			A				A		A		A	A	A	A	A	A	
Diamyl phthalate <i>(Amyl phthalate)</i>	C	C	C	C	C	C	B			B				C	C	C	C	C	A	A	B	C	A	B
Dibenzyl ether <i>(Benzyl ether)</i>	C	C	C	C	C	C	C	C	C	B				C	C	C	C	C	A	A			A	
Dibenzyl sebacate	C	C	C	C	C	C	B			B				C	C	C	C	C	A	A			A	
Dibromodifluoromethane	C	C	C	C	C	C	B			B				C	C	C	C	C	A	B			A	
Dibromoethylbenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C							
Dibutyl ether <i>(Butyl ether)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A			A	
Dibutyl phthalate <i>(DBP)</i>	C	C	C	C	C	C	B			B				C	C	C	C	C	A	A	B	C	A	B
Dibutyl sebacate	C	C	C	C	C	C	B			B				C	C	C	C	C	A	A			A	
Dibutylketone	C	C	C	C	C	C	A			A				C	C	C	C	C	A	A	A		A	B
Dichloride sulfur	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A			A	A	B	C	B	
Dichloroacetic acid	B		C	C	C	C				C	C	C	B					A	A				A	
Dichloroacetic acid, 50%	B		C	C	C	C				C	C	C	B					A	A				A	
Dichlorobenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A		A			B	
Dichlorobutane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A		C	C	A	B	
Dichlorobutylene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				B	
Dichlorodifluoromethane <i>(Difluorodichloromethane / Freon 12)</i>	B		B		A		B			B				A		A		A		A	B	A	A	
Dichloroethane <i>(Ethylene dichloride)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	B	
Dichloroethylene	C	C	C	C	C	C	C	C	C	B	C	C	C	C	C	C	C	A	A				B	
Dichloroisopropyl ether	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B			A	
Dichloromethane <i>(Methylenechloride)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B	C	
1,2-Dichloropropane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				B	
Dichloropropene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C							
Dichlorosilane							C	C	C	C	C	C						A					A	
Dicyclohexylamine	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B		B					A	
Dicyclopentadiene							C	C	C									A					A	
Diesel fuel <i>(Gas oil)</i>	C	C	C	C	A	A	C	C	C	C	C	C	B	B	B	C	C	A	A	A			A	
Diethanolamine	B		B		B		B			A				C	C	C	C	C	A	B	A		A	
1,1-Diethoxyethane <i>(Ethylacetal)</i>	C	C	C	C	C	C	A	A	A	A	A	A	B	B	C	C	C	A	A				A	
Diethyl adipate	C	C	C	C	C	C	B			C	C	C	C	C	C	C	C	A	A				A	
Diethyl carbonate	C	C	C	C	C	C	C	C	C	C	C	C	C	C				A					A	
Diethyl ether <i>(Ether / Ethyl ether)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	C	A	A	
Diethyl phthalate	C	C	C	C	C	C	B			A				C	C	C	C	C	A	A	B	C	A	B
Diethyl sebacate	C	C	C	C	C	C	B			B				C	C	C	C	C	A	A			A	
Diethylamine	C	C	B	C	C	C	C	C	C	C	C	C	C	C	B	C	C	A	A	A	B	A	B	
Diethylbenzenes (o-, m-, p-)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A	
Diethylene oxide <i>(1,4-Dioxane)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	A	
Diethylene oxide	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	A	
Diethyleneglycol <i>(Diglycol)</i>	A	A	A	A	A	A	A	A	A	A	A			A	A	A	A	A	A	A	A	A	A	
Diethyleneglycol monoethyl ether <i>(Carbitol)</i>	A	A	A	A	A	A	A	A	A	A	A			A	A	A	A	A	A	A	A	A	A	
Diethylketone <i>(Propione)</i>	C	C	C	C	C	C	B			B				C	C	C	C	C	A	A	B	C	A	B
Difluorochloromethane <i>(Chlorodifluoromethane / Freon 22)</i>	B		B		C	C	A			A				A		A		A		B			A	
Difluorodichloromethane <i>(Dichlorodifluoromethane / Freon 12)</i>	B		B		A		B			B				A		A		A		A	B	A	A	
Diglycol <i>(Diethyleneglycol)</i>	A	A	A	A	A	A	A	A	A	A	A			A	A	A	A	A	A	A	A	A	A	
Dihydroxybenzene <i>(Hydroquinone)</i>	C	C	B		C	C	B			B				C	C	A		A		A			A	
2,2'-Dihydroxydipropyl ether <i>(Dipropyleneglycol)</i>	A	A	A	A	A	A	A	A	A	A	A			A	A	A	A	A	A	A	A	A	A	

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Nature of the tube

(refer to corresponding hose on page 2)

Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70
1,2-Dihydroxypropane <i>(1,2-Propanediol / Propyleneglycol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A
Diisobutylene <i>(Isobutylketone)</i>	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A	A				A
Diisocyanates	C	C	C	C	C	C	B	C	C	A	A	C	C	C	C	C	C	A					B
Diisooctyl sebacate	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A				A
Diisopropyl ether <i>(Isopropyl ether)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A			A
Diisopropylbenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				A
Diisopropylketone <i>(Isopropylketone)</i>	C	C	C	C	C	C	A			A			C	C	C	C	C	A	A	A			A
1,1-Dimethoxyethane <i>(Methylacetal)</i>	C	C	C	C	C	C	A	A	A	A	A	A	B	B	C	C	C	A	A				A
Dimethyl ether <i>(Methyl ether)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	C		A
Dimethyl phtalate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	B	C		A
Dimethyl sulphate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A
Dimethyl sulphide	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A
Dimethylamine	C	C	B	C	B	C	C	C	C	C	C	C	C	C	A	B	C	A	A	A	B		A
N,N-Dimethylaniline	C	C	C	C	C	C	B			B	C	C	C	C	C	C	C	A	A	B	C		A
Dimethylbenzene <i>(Xylene)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C		A
Dimethylbutane	C	C	C	C	A		C	C	C	C	C	C	B					A	A				
Dimethylcarbinol <i>(Isopropanol / Isopropyl alcohol)</i>	A	A	A	A	A		A	A		A	A		A	A	A	A		A	A	A	A		A
Dimethylformamide <i>(DMF)</i>	C	C	C	C	B	C	B			B			C	C	C	C	C	A	A	C	C		A
Dimethylhydrazine <i>(DMH)</i>	A		B		B		A			A			B					A					A
Dimethylketone <i>(Acetone / 2-Propanone)</i>	A	B	A	B	C	C	A	A		A	A		B		C	C	C	A	A	A	A		A
Dimethylphenols <i>(Xylenols)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				
Dimethylsulfoxide <i>(DMSO)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				A
Di-n-Butylamine	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B	C	C	A	A	A	B		A
Dinitrotoluene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A
Diocetyl adipate <i>(DOA)</i>	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A				A
Diocetyl phosphate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	A			A
Diocetyl phtalate <i>(DOP)</i>	C	C	C	C	C	C	B	B		A			C	C	C	C	C	A	A	A	B		A
Diocetyl sebacate <i>(DOS)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A				A
Dionyl acrylate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		B				
1,4-Dioxane <i>(Diethylene oxide)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C		A
Dioxolane	C	C	C	C	C	C	B			C	C	C	C	C	C	C	C	A					A
Dioxo-succinic acid	A		A		B		B			B			B		A			A	A				
Dipentene	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A	A				A
Diphenyl ether <i>(Phenyl ether)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				
Diphenyl oxide	C	C	C	C	C	C							C	C				A		C	C		
Dipropylene glycol <i>(2,2'-Dihydroxydipropyl ether)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A		A
Distilled water	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A
Divinylbenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A
DMF <i>(Dimethylformamide)</i>	C	C	C	C	B	C	B			B			C	C	C	C	C	A	A	C	C		A
DMH <i>(Dimethylhydrazine)</i>	A		B		B		A			A			B					A					A
DMSO <i>(Dimethylsulfoxide)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				A
DOA <i>(Diocetyl adipate)</i>	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A				A
Dodecanol <i>(Dodecyl alcohol / Lauric alcohol)</i>	B		B		B		B			B			A		A			A	A	A			A
Dodecyl alcohol <i>(Dodecanol / Lauric alcohol)</i>	B		B		B		B			B			A		A			A	A	A			A
DOP <i>(Diocetyl phtalate)</i>	C	C	C	C	C	C	B	B		A			C	C	C	C	C	A	A	A	B		A
DOS <i>(Diocetyl sebacate)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A				A
E																							
Epichlorohydrin	C	C	C	C	C	C	B			C	C	C	C	C	C	C	C	A	A	A	A		A
Ethanal <i>(Acetaldehyde / Acetic aldehyde / Ethylaldehyde)</i>	C	C	C	C	C	C	A			A			C	C	C	C	C	A	A	A	B		A
Ethane	C	C	C	C	A		C	C	C	C	C	C	B		B			A	A	A			A
1,2-Ethanediol <i>(Ethleneglycol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A		A
Ethanethiol <i>(Ethylmercaptan)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C				A					A
Ethanol <i>(Ethyl alcohol / Ethylcarbinol)</i>	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	B		A
Ethanolamine <i>(Monoethanolamine)</i>	A	B	B	C	C	C	A	A		A	A		B	C	C	C	C	A	A	A	A		A
Ethene <i>(Ethylene)</i>	C	C	C	C	C	C	C	C	C	C	C	C			A			A	A				A
Ether <i>(Ethyl ether / Diethyl ether)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	C		A
2-Ethoxyethanol <i>(Ethylglycol / Glycolmonoethyl ether)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A		A

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Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70
Ethyl acetate <i>(Acetic ether)</i>	C	C	C		C	C	B			B			C	C	C	C	C	A	A	B	C	A	B
Ethyl acetate chloride	C	C	B		B		B			B			B										
Ethyl acetoacetate	C		C	C	C	C	B			B			B			C	C	C	A	A			A
Ethyl acrylate <i>(Acrylic acid ethylester)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	B				A
Ethyl adipate <i>(Adipic acid ethylester)</i>	C	C	C	C	C	C	B			C	C	C	C	C	C	C	C	A	A				A
Ethyl alcohol <i>(Ethanol / Ethylcarbinol)</i>	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	B	A	A
Ethyl benzoate					C	C	B			B			C	C				A	B	B			A
Ethyl bromide	C	C	C	C	C	C	B	C	C	B	C	C	C	C	C	C	C	A	A				B
Ethyl butyrate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A
Ethyl chloride	C	C	C	C	C	C	C	C	C	A			B			C	C	A	A	B	C		A
Ethyl chloroformate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B	C	C	A					
Ethyl ether <i>(Diethyl ether / Ether)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	C		A
Ethyl formate	C	C	C	C	C	C	B			B			B			C	C	A					A
Ethyl hexoate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					
Ethyl hexyl sebacate	C	C	C	C	C	C	B			B			C	C	C	C	C						
Ethyl iodide	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					
Ethyl isobutyl ether	C	C	C	C	C	C	C	C	C				C	C	C	C	C	A	A	A			A
Ethyl oleate	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A	A				A
ethyl phenyl ether	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A			A
Ethyl propionate	C	C	C		C	C	B			B			C	C	C	C	C	A	A				A
Ethyl propyl ether	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A			A
Ethyl silicate	C	C	C	C	A		A			A			A		A			A					A
Ethyl sulphate	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A				A
Ethyl sulphide			C	C			C			B								A					A
Ethylacetal <i>(1,1-Diethoxyethane)</i>	C	C	C	C	C	C	A	A	A	A	A	A	B	B	C	C	C	A	A				A
Ethylacetyl acetate	A		A												A			A	A				A
Ethylaldehyde <i>(Acetaldehyde / Acetic aldehyde / Ethanal)</i>	C	C	C	C	C	C	A			A			C	C	C	C	C	A	A	A	B		A
Ethylamine <i>(Monoethylamine)</i>	C	C	B		B	C	A			A			C	C	B	C	C	A	A	A			A
Ethylazine	C	C	C	C	C	C	A			A			C	C	C	C	C	A					
Ethylbenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B			A
Ethylcarbinol <i>(Ethanol / Ethyl alcohol)</i>	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	B	A	A
Ethylcellulose	B		B		A		B			B			B					A					A
Ethylcellulose	B		B		B		B			B			B		B			A	A				A
Ethylene <i>(Ethene)</i>	C	C	C	C	C	C	C	C	C	C	C	C			A			A	A				A
Ethylene bromide	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C		B
Ethylene chlorhydrine	C	C	C	C	C	C	A			A			B		B			A	A				A
Ethylene chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C		B
Ethylene chlorobromide	C	C	C	C	C	C	B			C	C	C	C	C	C	C	C	A					B
Ethylene dibromide	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C		B
Ethylene dicarboxylic acid	B		B	C	B		C	C	C	C	C	C	B		B			A	A	A	A		A
Ethylene dichloride <i>(Dichloroethane)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C		A
Ethylene formate	C	C	C	C	C	C	B			B			B			C	C	A					A
Ethylenediamine	B		B		B		A			A			A		A			A	A				A
Ethyleneglycol <i>(1,2-Ethanediol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A		A
Ethyleneglycol butyl ether	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A			A		A
Ethyleneglycol ethyl ether	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A		C	A		A
Ethylenepentachlorobenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C						
Ethylglycol <i>(2-Ethoxyethanol / Glycolmonoethyl ether)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A		A
Ethylglycol acetate	B		B		C	C	A			A			C	C	B	C	C	A	A				A
Ethylhexanol	A		A		A		A			A			A		A	A		A	A	A	A		A
Ethylketone	A	B	C	C	C	C	B			B			C	C	C	C	C	A	A	A			A
Ethylmercaptan <i>(Ethanethiol)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C				A					A
Ethylmethylketone <i>(Butanone / Methyl ethyl ketone)</i>	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	B			A
Ethylxalate	A		A		C	C	B			A			C	C	C	C	C	A	A				A
Ethyne <i>(Acetylene)</i>	B	B	B		A	B	A			A	B		B	C	B	C	C	A	A	A	A		A
F																							
Fatty acid	C	C	B	C	A	B	B	C	C	B	C	C	B		B	C	C	A	A				A
Fatty alcohol (C12-C18)	B		B		A		B			B			A		A			A	A				A
Ferric chloride <i>(Iron perchloride)</i>	A	B	A		A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A		A

Table rating:

A - Good to excellent. **B** - Acceptable to limited. Satisfactory for non-continuous use. **C** - Unsatisfactory. Not recommended.

Nature of the tube

(refer to corresponding hose on page 2)

Symbols Working temperatures in °C	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70
Ferrous chloride	A	B	A		A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A
Firedamp	C	C	C	C	A		C	C	C	C	C	C	B	C	B			A	A	A			A
Fish oil	C	C	C	C	A		B			B			A		B			A	A				A
Fixing bath (photo)	A		A	B	A		A			A	B		A	B				A	A	A			A
Fluoboric acid (Borofluoric acid / Fluoroboric acid / Borofluoro hydride)	A	A	A	A	A		A	A	A	A	A	C	A		A			A	A	A	B		A
Fluor	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	B	B	C	C	C
Fluorhydric acid, < 50%	C	C	C	C	C	C	B	C	C	A	A		C	C	A	A		A	A	A	B		A
Fluorhydric acid, > 50%	C	C	C	C	C	C	C	C	C	A	A		C	C	A	B	C	A	A	B			A
Fluorobenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					
Fluoroboric acid (Borofluoric acid / Fluoboric acid / Borofluoro hydride)	A	A	A	A	A		A	A	A	A	A	C	A		A			A	A	A	B		A
Fluosilicic acid	A	B	B		B		A	A		A	A	B	B	C	A	A	A	A	A	A	B		A
Fluorotrichloromethane (Freon 11 / Monofluorotrichloromethane)	C	C	C	C	A		C	C	C	C	C	C	B		A			A		A			A
Formaldehyde, 30% (Formic aldehyde, 30%)	B		B		B	C	A	A		A	B		B	C	A	B	C	A	A	A	A		A
Formaldehyde, 40% (Formic aldehyde, 40%)	B		B		B	C	A	B		A	B		B	C	A	C	C	A	A	A	A		A
Formaldehyde, 100% (Formic aldehyde, 100%)	B		B		B	C	B	B		B	B		B	C	B	C	C	A	A	A	A		A
Formamide	A		A		B		B			A			B		A			A	A	A	A		A
Formic acid (Metanoic acid)	C	C	C	C	C	C	B	C	C	A	A		B	B	A	B	C	A	A	A	C		A
Formic acid, 20% (Metanoic acid, 20%)	B	C	B	B	C	C	B	B		A	B		B	C	A	B		A	A	A	A		A
Formic aldehyde, 100% (Formaldehyde, 100%)	B		B		B	C	B	B		B	B		B	C	B	C	C	A	A	A	A		A
Formic aldehyde, 30% (Formaldehyde, 30%)	B		B		B	C	A	A		A	B		B	C	A	B	C	A	A	A	A		A
Formic aldehyde, 40% (Formaldehyde, 40%)	B		B		B	C	A	B		A	B		B	C	A	C	C	A	A	A	A		A
Freon 11 (Fluorotrichloromethane / Freon 11)	C	C	C	C	A		C	C	C	C	C	C	B		A			A		A			A
Freon 12 (Dichlorodifluoromethane / Difluorodichloromethane)	B		B		A		B			B			A		A			A		A	B		A
Freon 22 (Chlorodifluoromethane / Difluorochloromethane)	B		B		C	C	A			A			A		A			A		B			A
Freon 113	C	C	C	C	A		C	C	C	C	C	C	A		A			B		C	C		A
Fruit juice	A	A	A		B	B	A			A	A	A	A		A			A	A	B			A
Fuel ASTM-A (Isooctane)	C	C	C	C	A	A	C	C	C	C	C	C	B		B			A	A	A	B		A
Fuel ASTM-B (Isooctane 70% - Toluene 30%)	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	A			A
Fuel ASTM-C (Isooctane 50% - Toluene 50%)	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	A			A
Fuel oil	C	C	C	C	A	A	C	C	C	C	C	C	B	B	B	C	C	A	A	A			A
Fumaric acid	A		A		A					C	C	C	B		B			A	A				A
Fural (Furaldehyde / Furfural / Furfural / Furfuryl aldehyde / Pyromucic aldehyde)	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	C	C		A
Furaldehyde (Fural / Furfural / Furfural / Furfuryl aldehyde / Pyromucic aldehyde)	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	C	C		A
Furan (Furfuran)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C		A
Furfural (Fural / Furaldehyde / Furfural / Furfuryl aldehyde / Pyromucic aldehyde)	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	C	C		A
Furfuran (Furan)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C		A
Furfural (Fural / Furaldehyde / Furfural / Furfuryl aldehyde / Pyromucic aldehyde)	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	C	C		A
Furfuryl alcohol	C	C	C	C	C	C	B			B			B		B			A	A				A
Furfuryl aldehyde (Fural / Furaldehyde / Furfural / Furfural / Pyromucic aldehyde)	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	C	C		A
G																							
Gallic acid (Trihydroxybenzoic acid)	A		B		C	C	B			B			B	C	B			A	A	A			A
Gas oil (Diesel fuel)	C	C	C	C	A	A	C	C	C	C	C	C	B	B	B	C	C	A	A	A			A
Gelatin	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A
Glucose (Sugar)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A
Glucose syrup	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A
Glycerin (Glycerol / 1,2,3-Propanetriol)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A
Glycerol (Glycerin / 1,2,3-Propanetriol)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A
Glyceryl triacetate (Triacetin)	B		C	C	B		A			A			B		B			A					A
Glycine (Aminoacetic acid)	C	C	B	C	B	B	A	A	A	A	A	A	B	B	B	B	B	A	A	A			A
Glycol chlorhydrine	C	C	C	C	C	C	A			A			B		B			A					

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Nature of the tube

(refer to corresponding hose on page 2)


Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE		
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70	
Glycolic acid <i>(Hydroxyacetic acid)</i>	A		A		A		A			A			B					A	A	A	A	A	A	
Glycolmonoethyl ether <i>(2-Ethoxyethanol / Ethylglycol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A	
Groundnut oil	C	C	C	C	B		B			C	C	C	C	C	B			A	A	C	C	A		
Gypsum	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A	A	A	
																								
Halogenous hydrocarbons	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				B	
Helium	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	
Heptane	C	C	C	C	A	B	C	C	C	C	C	C	A	B	A	B	C	A	A	B	C	A	B	
Heptanol <i>(Heptyl alcohol)</i>	B		B		B	B	B			B			B		B			A	A				A	
Heptyl alcohol <i>(Heptanol)</i>	B		B		B	B	B			B			B		B			A	A				A	
Hexachlorobutadiene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						
Hexachlorocyclohexanol	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						
Hexachloroethane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						
Hexadecanoic acid <i>(Palmitic acid)</i>	B	C	B	C	A	B	B	B		B	B		B	B	B	C	C	A	A	A	A	A	A	
Hexahydrobenzene <i>(Cyclohexane)</i>	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	A	
Hexahydrophenol <i>(Cyclohexanol / Hexaline)</i>	C	C	C	C	B		C	C	C	C	C	C	A		A			A	A	A	B	A	A	
Hexahydropyridine <i>(Piperidine)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					B	
Hexaldehyde	C	C	C	C	C	C	B			A			A		C	C	C	A					A	
Hexaline <i>(Cyclohexanol / Hexahydrophenol)</i>	C	C	C	C	B		C	C	C	C	C	C	A		A			A	A	A	B	A	A	
Hexamethylene	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	A	
Hexane	C	C	C	C	A	B	C	C	C	C	C	C	B	B	A	B	C	A	A	B	C	A	B	
Hexanetriol <i>(Trihydroxyhexane)</i>	C	C	C	C	A		A			A			B		B			A	A					
Hexanoic acid <i>(Caproic acid)</i>	C	C	C	C	C	C				B					A			A	A				A	
Hexanol <i>(Hexyl alcohol)</i>	A	B	A	B	A	A	B	C	C	A			B	B	B			A	A				A	
1-Hexene	C	C	C	C	B		C	C	C	C	C	C	B		A			A					A	
Hexyl alcohol <i>(Hexanol)</i>	A	B	A	B	A	A	B	C	C	A			B	B	B			A	A				A	
Hexyl chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	A	
Hexylamine	B	C	B	C	B	C	C	C	C	A								A	A				A	
Hexyleneglycol	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A	
Hydraulic oil (ester based)	C	C	C	C	C	C	A	A	A						C	C	C	A	A	C	C	A	A	
Hydraulic oil (glycols based)	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A	
Hydrazine hydrate	C	C	B		B		A			A			B		B			A	A					
Hydrazine, aqueous solution	B	C	B	C	C	C	A	A		A	A		B	C	B			A	A	A			A	
Hydrobromic acid, solution	B	C	C	C	C	C	B			B			B	C	A	A		A	A	C	C	A	B	
Hydrocarbonic acid	A		A		A		A								A	A	A	A	A	A	B	A	A	
Hydrochloric acid, < 20%	A	A	A		C	C	A	A		A	A	A	B	C	A	A	A	A	A	A	B	A	A	
Hydrochloric acid, 20% to 37%	A	B	A	B	C	C	A	A		A	B		C	C	A	B	C	A	A	B	C	A	A	
Hydrochloric acid, 37%	A	C	A	C	C	C	A	A		A	B		C	C	A	B	C	A	A	B	C	A	A	
Hydrochloric acid, gas	B		B		C	C	A	A		A			C	C	C	C	C	A	A	B				
Hydrochloric gas, dry	B		B		C	C	A	A		A			C	C	C	C	C	A	A	B			A	
Hydrochloride aniline	B		C	C	C	C	B			B			B		B			A					A	
Hydrocyanic acid <i>(Hydrogen cyanide)</i>	A	B	B		A		B			A	B		B		A	A	A	A	A				A	
Hydrofluosilicic acid	A		B		B		B			A			B		A			A	A	A			A	
Hydrogen cyanide <i>(Hydrocyanic acid)</i>	A	B	B		A		B			A	B		B		A	A	A	A	A				A	
Hydrogen fluoride, < 50%	C	C	C	C	C	C	B	C	C	A	A		C	C	A	A		A	A	A	B	A	A	
Hydrogen fluoride, > 50%	C	C	C	C	C	C	C	C	C	A	A		C	C	A	B	C	A	A	B			A	B
Hydrogen peroxide, 10%	A		A		A	C	A	A		A	A		A	C	A	A		A	A	A	B	A	A	
Hydrogen peroxide, 30%	C	C	C	C	B	C	A	A		A	A		A	C	A	A	C	A	A	B	C	A	A	
Hydrogen peroxide, 50%	C	C	C	C	C	C	A	B	C	A	A		B	C	A	C	C	A	A	C	C	A	B	
Hydrogen peroxide, 87%	C	C	C	C	C	C	A	B	C	A	B	C	C	C	A	C	C	A	A	C	C	A	C	
Hydrogen sulphide <i>(Hydrosulphuric acid)</i>	C	C	C	C	B	C	B			A	B		B	C	A	B		A	A	A	A	A	A	
Hydrogen, gas	A		A		A		A	A		A			A		A	A		A	A	A	A	A	A	
Hydroquinone <i>(Dihydroxybenzene)</i>	C	C	B		C	C	B			B			C	C	A			A		A			A	
Hydrosulphuric acid <i>(Hydrogen sulphide)</i>	C	C	C	C	B	C	B			A	B		B	C	A	B		A	A	A	A	A	A	
Hydroxyacetic acid <i>(Glycolic acid)</i>	A		A		A		A			A			B					A	A	A	A	A	A	
o-Hydroxybenzene	A		B		A		A			A			A		A			A	B					
Hydroxybutanedioic acid <i>(Hydroxysuccinic acid / Malic acid)</i>	A	B	B		A		C	C	C	C	C	C	B	C	B			A	A				A	A
Hydroxylamine	A		A		A		A			A								A						
Hydroxylamine sulphate	A		A		A		A			A			B					A	A					
Hydroxysuccinic acid <i>(Hydroxybutanedioic acid / Malic acid)</i>	A	B	B		A		C	C	C	C	C	C	B	C	B			A	A				A	A

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Nature of the tube

(refer to corresponding hose on page 2)




Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE		
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70	
Hypochlorous acid, 10%	A		B		C	C	B			A			C	C	A			A	A	A	B	A		
Hypochlorous acid, solution	B		B		C	C	B			B	C	C	C	C	B	C	C	A	A	B	B	A		
																								
Iodine	C	C	C	C	A		C	C	C	B			B		A			A	A	C	C	A		
Iodine pentafluoride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C							
Iodoform (Triiodomethane)							A			A								A	A				A	
Ionones							C	C	C									A	A				A	
Iron (III) phosphate	A		A		A		A			A			A		A			A	A				A	
Iron nitrate	A	A	A	A	A	A	A	A		A	A		A		A	A		A	A	A	A	A	A	A
Iron perchloride (Ferric chloride)	A	B	A		A	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A
Iron sulphate	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A				A	A
Isoamyl alcohol	A	B	A		A	A	A			A			A		A			A	A				A	
Isobutanol (Isopropylcarbinol)	A	A	A		B		A	A		A	A	A	A	C	A	A		A	A	A	B	A	A	A
Isobutyl acetate	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	C	C	A	B	
Isobutyl butyrate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A	
Isobutylene (2-Methylpropene)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A	
Isobutylketone (Diisobutylketone)	C	C	C	C	C	C	A			C	C	C	C	C	C	C	C	A	A	A			A	
Isobutyraldehyde (Isobutyric aldehyde)	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A				A	
Isobutyric aldehyde (Isobutyraldehyde)	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A				A	
Isocyanates	C	C	C	C	C	C	C			C	C	C	C	C	C	C	C	A		C	C	B		
Isodecane	C	C	C	C	A		C	C	C	C	C	C	B		B			A	A	A			A	
Isooctane (Fuel ASTM-A)	C	C	C	C	A	A	C	C	C	C	C	C	B		B			A	A	A	B	A		
Isooctane 50% - Toluene 50% (Fuel ASTM-C)	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	A			A	
Isooctane 70% - Toluene 30% (Fuel ASTM-B)	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	A			A	
Isophorones	C	C	C	C	C	C	A			A			C	C	C	C	C	A	A	A			A	
Isoprene monomer					A													A					A	
Isopropanol (Dimethylcarbinol / Isopropyl alcohol)	A	A	A	A	A		A	A		A	A		A	A	A	A		A	A	A	A	A	A	A
Isopropyl acetate	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	B	C	A	B	
Isopropyl alcohol (Dimethylcarbinol / Isopropanol)	A	A	A	A	A		A	A		A	A		A	A	A	A		A	A	A	A	A	A	A
Isopropyl chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				B	
Isopropyl ether (Diisopropyl ether)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A			A	
Isopropylbenzene (Cumene)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A			A	
Isopropylcarbinol (Isobutanol)	A	A	A		B		A	A		A	A	A	A	C	A	A		A	A	A	B	A	A	A
Isopropylketone (Diisopropylketone)	C	C	C	C	C	C	A			A			C	C	C	C	C	A	A	A			A	
																								
Kaolin (Aluminium silicate)	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				A	
Kerosene	C	C	C	C	A	A	C	C	C	C	C	C	B		C	C	C	A	A	A	C	A	B	
																								
Lactam	A		A		A		A			A			B		B			A	A				A	
Lactic acid	B	C	B	C	B	C	B	B		B	B		A	C	A	A		A	A	A	B	A	B	
Lactol	C	C	C	C	B		C	C	C	C	C	C	C	C	B			A						
Lactose	C	C	C	C	B	B	A			A	A	A	B		A	A	A	A	A				A	
Lanoline	C	C	C	C	A		C	C	C	A			B		C	C	C	A	A	A	B	A		
Latex	A				B		A			A			A		A			A	A	A	B	A		
Lauric alcohol (Dodecanol / Dodecyl alcohol)	B		B		B		B			B			A		A			A	A	A			A	
Laurylbenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						
Lauryltoluene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						
Lazulite	A		A		A		A			A			B		B			A						
Lead acetate	A		A		A		A			A			A		A			A	A	A	A			
Lead arsenate	A		A		A		A			A			A		A			A	A	A	A			
Lead nitrate	B		A	A	B		A	A		A			A		A			A	A	A	B	A	A	
Lead sulphamate	A		A		A		A			A			A		A			A	A	A	B	A		
Lead sulphate	B	B	B	B	B	B	A	A		A	A		A	A	A	A	A	A	A	A	A	A	A	A
Lighting gas	C	C	C	C	A		C	C	C	C	C	C	B	C	B			A	A	A			A	
Lignosulphonates																		A					A	
Lime (Calcium hydroxide)	A	A	A	A	A		A	A		A	A	A	A	A	A	A		A	A	A	A	A	A	A

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(refer to corresponding hose on page 2)


Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE		
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70	
Lime water	A	A	A	A	A		A	A		A	A	A	A	A	A	A		A	A	A	A	A	A	A
Lindane						A		A						A				A	A					A
Linoleic acid <i>(Octadecanoic acid)</i>	C	C	C	C	B	B	C	C	C	C	C	C	C	C	C	C	C	A	A					A
Linseed oil	C	C	C	C	A		B			C	C	C	C	C	C	B		A	A	A	A			A
Liquid manure	A		A		A		A			A				A		A		A						A
Liquid soap	B	C	B	C	B	C	A			B			C	C	B	C	C	A	A	A	A			A
Lithium bromide	A		A		A		A			A			B		A			A						
Lithium carbonate	A		A		A		A			A			A		A			A	A	A				A
Lithium chloride	A		A		A		A			A			B					A						
Lithium hydroxide																		A						
Lithium sulphate	A	A	A	A	A	A	A	A		A	A		A	A	A	A		A	A	A				A
																								
Magnesium carbonate	A	A	A	A	A	A	A	A		A	A	A	B		A	A		A	A	A	A			A
Magnesium chloride	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A			A
Magnesium fluoride	A	A	A	A	A	A	A	A		A			B		B	B	C	A	A	A	A			A
Magnesium hydroxide	B	B	B	B	B	B	A	A	A	A	A		A	B	A	B		A	A	A	A			A
Magnesium metabisulphite	A		A		A		A			A					A	A		A	A	A				A
Magnesium nitrate	A	A	A	A	A	A	A	A		A	A		A	A	A	A		A	A	A	B			A
Magnesium oxide	A	A	A	A	C	C	A			A	A		A	B	B	B		A	A	A				A
Magnesium silicate <i>(Talc)</i>	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A					A
Magnesium sulphate	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A			A
Magnesium sulphite	A		A		A		A	A		A			A		A			A	A	A				A
Maleic acid	B		B	C	B		C	C	C	C	C	C	B		B			A	A	A	A			A
Maleic anhydride	A		A				C	C	C	C	C	C	A					A	A	C	C			A
Malic acid <i>(Hydroxybutanedioic acid / Hydroxysuccinic acid)</i>	A	B	B		A		C	C	C	C	C	C	B	C	B			A	A					A
Manganese oxide	A	A	A		C	C	A			A	A		A	B	B	B		A	A					
Manganese sulphate	B	B	B	B	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A			A
Margarine	C	C	C	C	A		C	C	C	C	C	C	B					A	A					
Menthol	B		B		B		B			B			B					A	A					
Mercuric chloride	A	A	A		A		A			A	A		A		A	A		A	A	A	A			A
Mercury	A		A		A		A			A	A		A		A			A	A	B	B			A
Mercury cyanide	A		A		A		A			A			B		A			A	A	A	A			A
Mercury nitrate	A	A	A	A	B		A	A		A			B		A	A		A	A	A	A			A
Mercury vapour	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						A
Mesityl oxide	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A					A
Metanoic acid <i>(Formic acid)</i>	C	C	C	C	C	C	B	C	C	A	A		B	B	A	B	C	A	A	A	C			A
Metanoic acid, 20% <i>(Formic acid, 20%)</i>	B	C	B	B	C	C	B	B		A	B		B	C	A	B		A	A	A	A			A
Methanal <i>(Methylaldehyde)</i>	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A					A
Methane	C	C	C	C	A		C	C	C	C	C	C	B		B			A	A	A				A
Methanol <i>(Carbinol / Methyl alcohol)</i>	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	B			A
Methoxybenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						
Methoxybutanol	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	C			A
2-Methoxyethanol <i>(Methylglycol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	C	A	A	A	A			A
Methyl acetate <i>(Methylacetic ether)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	B	C			A
Methyl acetoacetate	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A					A
Methyl acrylate <i>(Acrylic acid methylester)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	B					A
Methyl alcohol <i>(Carbinol / Methanol)</i>	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	B			A
Methyl bromide	B	C	C	C	B	C	A	C	C	B	C	C	C	C	C	C	C	A	A	B	C			B
Methyl chloride <i>(Chloromethane / Monochloromethane)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C			A
Methyl chloroformate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						
Methyl cyanide <i>(Acetonitrile)</i>	C	C	C	C	C	C	B			C	C	C	A		B			A	A	B				A
Methyl ether <i>(Dimethyl ether)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	C			A
Methyl formate	C	C	C	C	C	C	B			B			B		C	C	C	A						A
Methyl iodide	C	C	C	C	C	C	A	C	C	C	C	C	C	C				A	A					A
Methyl metacrylate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A			A	C	C	C			A
Methyl oleate	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A	A					A
Methyl phtalate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	B	C			A
Methyl salicylate	C	C	C	C	C	C	B			B			C	C	C	C	C	A						B
Methyl sulphate	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A					A

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Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70
Methyl sulphide			C	C			C			B								A					A
4-Methyl-2-pentanol <i>(Methylisobutylcarbinol)</i>	B		B		A		A			A			A		A			A	A	A			A
Methylacetal <i>(1,1-Dimethoxyethane)</i>	C	C	C	C	C	C	A	A	A	A	A	A	B	B	C	C	C	A	A				A
Methylacetic ether <i>(Methyl acetate)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	B	C		A
Methylaldehyde <i>(Methanal)</i>	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A				A
Methylamine	B	C	B	C	B	C	A			A			A		B	C	C	A	A	A			A
Methylamyl acetate	C	C	C	C	C	C	B	C	C	B			C	C	C			A	A	B	C		A
Methylaniline <i>(Methylphenylamine)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				
Methylated spirits	A	A	A	A	A		A	A		A	A		A	A	A	A	A	A	A	A	B		A
Methylbenzene <i>(Toluene)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C		A
Methylbutanol	A		A		A		A			A			A		A			A	A				A
Methylcellulose	B		B		B		B			B			B		B			A					A
Methylcyclohexane	C	C	C	C	B	C	C	C	C	C	C	C	C	C	C	C	C	A	A				B
Methylcyclopentane	C	C	C	C	B	C	C	C	C	C	C	C	C	C	C	C	C	A	A				B
Methylene (Acetone - Methanol mixture)	A	B	A	B	C	C	A	A		A	A		B		C	C	C	A	A	A	B		A
Methylene bromide	C	C	C	C	C	C	B	C	C	C	C	C	C	C	C	C	C	A					B
Methylene chloride <i>(Dichloromethane)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C		B
Methylene chlorobromide	C	C	C	C	C	C	B			C	C	C	C	C	C	C	C	A		A	C		B
Methylethylketone <i>(Butanone / Ethylmethylketone)</i>	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	B			A
Methylfuran <i>(Methylfurfuran)</i>							C	C	C									A	A				A
Methylfuran <i>(Methylfuran)</i>							C	C	C									A	A				A
Methylglycol <i>(2-Methoxyethanol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A	C	A	A	A	A		A
Methylglycol acetate	B		B		C	C	A			A			C	C	B			A	A				A
Methylisobutylcarbinol <i>(4-Methyl-2-pentanol)</i>	B		B		A		A			A			A		A			A	A	A			A
Methylisobutylketone <i>(MIBK)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	A			A
Methylisopropylbenzene <i>(Cymenes (o-, m-, p-))</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A
Methylisopropylketone	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	A			A
Methylpentane	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	C	C		A
2-Methylphenol <i>(o-Cresol)</i>	C	C	C	C	C	C	B	B	C	C	C	C	C	C	C	C	C	A	A	C	C		A
Methylphenylamine <i>(Methylaniline)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				
2-Methylpropene <i>(Isobutylene)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A
Methylpyrrolidone	B		C	C	C	C	A			A								A					
Methylstyrene (alpha) <i>(Alpha-methylstyrene / Alpha-methylstyrene)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				A
MIBK <i>(Methylisobutylketone)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	A			A
Milk	B	B	B	B	A	A	A			A	A	A	A		A	A	A	A	A	A	A		A
Mineral hydraulic oil	C	C	C	C	A	A	C	C	C	C	C	C	B		B			A	A	A			A
Mineral petrol	C	C	C	C	A	B	C	C	C	C	C	C	C	C	C	C	C	A	A	A	A		A
Modified petrol	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	A	A		A
Molasses	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A
Monochloroaceticethylester	C	C	C	C	C	C	B			B			C	C	C	C	C						
Monochlorobenzene <i>(Chlorobenzene)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	B		A
Monochloroethylene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C		B
Monochloromethane <i>(Chloromethane / Methyl chloride)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C		A
Monoethanolamine <i>(Ethanolamine)</i>	A	B	B	C	C	C	A	A		A	A		B	C	C	C	C	A	A	A	A		A
Monoethylamine <i>(Ethylamine)</i>	C	C	B		B	C	A			A			C	C	B	C	C	A	A	A			A
Monofluorotrchloromethane <i>(Fluorotrchloromethane / Freon 11)</i>	C	C	C	C	A		C	C	C	C	C	C	B		A			A		A			A
Monohydroxybenzene <i>(Carbolic acid / Phenic acid / Phenol / Phenyl hydroxide)</i>	C	C	C	C	C	C	A	B	B	A	B	B	C	C	C	C	C	A	A	A	C		A
Morpholine	C	C	C	C	C	C	B			B			B		B			A	A	B	C		A
Mustard	A		B		A					A			A					A	A	A			A
Myristil alcohol <i>(Tetradecanol)</i>	A		A		A		A			A			A		A			A	A				A
N																							
Naphta	C	C	C	C	B	C	C	C	C	C	C	C	C	C	C	C	C	A	A				A
Naphta, 40% aromatic	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	A	C		A
Naphtenates	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A		B			A
Naphthalene, crude or refined	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B			A
Natural gas	C	C	C	C	A		C	C	C	C	C	C	B		B			A	A	A			A
Nickel acetate	A		A		A		A			A	A		A		A	A		A	A				A

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Nature of the tube

(refer to corresponding hose on page 2)



Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		IPE	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70
Nickel carbonate	C	C	B		A	A	A			A			A		A			A		A		A	
Nickel chloride	A	A	A		A	A	A			A			A		A	A		A	A	A	A	A	A
Nickel nitrate	A	A	A	A	A	A	A	A		A	A		A	A	A	A		A	A	A	B	A	A
Nickel sulphate	A	A	A	A	A	A	A	A		A	A		A	A	A	A		A	A	A	B	A	A
Nicotine	B		C	C	A		A			A			A		A			A	A				A
Nitrating acid	B	C	C	C	C	C	B	C	C	B	C	C	C	C	C	C	C						
Nitric acid, 10%	B	C	B	C	C	C	A	B	C	A	A	B	C	C	A	B	C	A	A	A	A	A	B
Nitric acid, 30%		C	C	C	C	C	A	C	C	A	B	C	C	C	A	C	C	A	A	A	B	A	B
Nitric acid, 60%	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B	C	C	A	A	B	C	A	C
Nitric acid, red fuming	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	C	C
Nitrobenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A		B	B	A	
Nitrocellulose	A																						
Nitroethane	B		B		C	C	B			B			C	C	B			A	A				A
Nitrogen	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Nitroglycerine	B		B		C	C	A			A			B					A					A
Nitroglycol	B		B		C	C	A			A			C	C	C	C	C	A					A
Nitromethane	A		B		C	C	B			A			C	C	C	C	C	A	A				A
Nitrooctane					C	C				A													
Nitropropane	C	C	C	C	C	C	A			A			C	C	C	C	C	A	A				A
Nitrosyl chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					
Nitrotoluenes (o-, m-, p-)	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A					
Nitrous acid					C								A					A	A	A			
Nitrous gas	C	C	C	C	C	C	B			B			C	C				A		C	C		
Nitrous oxide	A		A		A		A			A			A		A			A	A	A	A	A	A
Nonanol <i>(Nonyl alcohol)</i>	C	C	C	C	C	C	A			C	C	C			B			A	A	A	A	A	A
Nonyl alcohol <i>(Nonanol)</i>	C	C	C	C	C	C	A			C	C	C			B			A	A	A	A	A	A
																							
Octadecanoic acid <i>(Linoleic acid)</i>	C	C	C	C	B	B	C	C	C	C	C	C	C	C	C	C	C	A	A				A
Octane	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A				A
Octanol <i>(Octyl alcohol)</i>	B		B		B	B				B			A		B			A	A				A
Octene	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A					B
Octyl acetate	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A				A
Octyl adipate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A				A
Octyl alcohol <i>(Octanol)</i>	B		B		B	B				B			A		B			A	A				A
Octyl borate	C	C	C	C	A		B			B			C	C	A			A					A
Octyl epoxystearate							B	C	C				B					A	A				A
Octyl phthalate	C	C	C	C	C	C	B	B		A			C	C	C	C	C	A	A	A	B	A	B
Octyl sebacate	C	C	C	C	C	C	B			B			C	C	C	C	C						
Oleic acid	C	C	C	C	A	B	B			B	C	C	C	C	B	C	C	A	A	B	B	A	A
Oxalic acid	A	A	B	B	C	C	A	A		A	A		B	B	B	B		A	A	A	A	A	A
Oxalic acid, aqueous	A	A	B	B	C	C	B	C	C	B	C	C	C	C	B	C	C	A	A	A	A	A	A
o-Oxybenzoic acid <i>(Salicylic acid)</i>	A		B		A		A			A			B		A			A	A	A	A	A	A
Oxygen	B	C	B	C	B	C	A	B	C	A	B	C	B	C	A	B	C	A	A	A	A	A	B
Ozon	C	C	C	C	C	C	A			B			B		A			A	A	C	C	A	B
																							
Palmitic acid <i>(Hexadecanoic acid)</i>	B	C	B	C	A	B	B	B		B	B		B	B	B	C	C	A	A	A	A	A	A
Paraaminotoluene <i>(Paramethylamine / Toluidine)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A
Paradichlorobenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	B	A			B
Paraffin	C	C	C	C	A	A	C	C	C	C	C	C	B	C	C	C	C	A	A	A			A
Paraffin oil	C	C	C	C	A	A	C	C	C	C	C	C	B	B	B	B		A	A	B	C	A	A
Paraformaldehyde	C	C	C	C	B	C	B			B			B					A	A	A	A		A
Paramethylaniline <i>(Paraaminotoluene / Toluidine)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A
Pectin	A		A		A		A			A			A		A			A	A				A
Pentachlorodiphenyl	C	C	C	C	C	C	C	C	C	C	C	C											
Pentachlorophenol	C	C	C	C	C	C	B			A			C	C	C	C	C	A					A
Pentane	C	C	C	C	A		C	C	C	C	C	C	B		C	C	C	A	A	C	C	A	A
1-Pentanol <i>(Amyl alcohol)</i>	A	B	A		A	A	A	A		B	B		A	A	A	A	A	A	A	A	A	A	A
3-Pentanone	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	B	C	A	B

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Nature of the tube

(refer to corresponding hose on page 2)

Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70
n-Pentyl acetate <i>(Amyl acetate)</i>	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	B	C	A	B
Pentyl chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
Perchloric acid	B		C	C	C	C	B			B			B		A	B		A	A	C	C	A	
Perfluoroxylene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C						
Petrol ether	C	C	C	C	A		C	C	C	C	C	C	B		C	C	C	A	A	A	A	A	
Petrol greases	C	C	C	C	A	A	C	C	C	C	C	C	B		C	C	C	A	A			A	
Petrol oils	C	C	C	C	A	A	C	C	C	C	C	C	B		C	C	C	A	A			A	
Petrol, 40% aromatic	C	C	C	C	A	B	C	C	C	C	C	C	A	C	C	C	C	A	A	A	A	A	A
Petrol, 60% aromatic	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	A	A	A
Petrol, 70% aromatic	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	A	A	A
Petroleum crude oil	C	C	C	C	A	A	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C	A	
Phenic acid <i>(Carbolic acid / Monohydroxybenzene / Phenol / Phenyl hydroxide)</i>	C	C	C	C	C	C	A	B	B	A	B	B	C	C	C	C	C	A	A	A	C	A	B
Phenol <i>(Carbolic acid / Monohydroxybenzene / Phenic acid / Phenyl hydroxide)</i>	C	C	C	C	C	C	A	B	B	A	B	B	C	C	C	C	C	A	A	A	C	A	B
Phenolsulphonic acid, liquid	C	C	C	C	C	C	B			B			B		C	C	C	A	A			B	
Phenyl chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A				A	
Phenyl ether <i>(Diphenyl ether)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A				
Phenyl hydroxide <i>(Carbolic acid / Monohydroxybenzene / Phenic acid / Phenol)</i>	C	C	C	C	C	C	A	B	B	A	B	B	C	C	C	C	C	A	A	A	C	A	B
Phenyl methyl ether <i>(Anisole)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A		B		A	
Phenylamine <i>(Aminobenzene / Aniline)</i>	C	C	C	C	C	C	A	A	B	A	A	B	C	C	C	C	C	A	A	B	C	A	B
Phenylethylene <i>(Styrene / Styrolene / Vinylbenzene)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
Phenylhydrazine	B	C	B		C	C	B			B			C	C	C	C	C	A	A			A	
Phorone	C	C	C	C	C	C	B			B			C	C	C	C	C	A				A	
Phosgene <i>(Carbon oxychloride / Carbonyl chloride)</i>	C	C	C	C	B		A			A			A		A		A		C	C			
Phosphoric acid, 20%	A	A	A		B		A			A	A		A		A	A	A	A	A	A	A	A	A
Phosphoric acid, 85%	A	B	C	C	C	C	A			A	A		B		A	A	A	A	A	A	B	A	A
Phosphorus chloride			C	C						C	C	C	C	C				A	A			A	
Phosphorus hydrogen	A		C	C	C	C	A			A			B					A					
Phosphorus oxychloride	B		B		C	C	A			A			B					A					
Phosphorus pentachloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A			C	C
Phosphorus pentoxide																		A		A			
Phosphorus trichloride	C	C	C	C	C	C	A			B			C	C	C	C	C	A	A			A	
Phtalic acid	C	C	A		B		A			A			B		A			A	A	C	C		
Phtalic anhydride	A		A		A		A			A			A		A			A	A			A	
Pickling liquor	C	C	C	C	C	C	C	C	C	B			C	C	B			A		A	A	A	
Picric acid	B	C	B	C	B	C	B			B			A		A			A	A	B		A	
Pine needles oil	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A	A			A	
Pinene	C	C	C	C	B		C	C	C	C	C	C	B		C	C	C	A				A	
Piperidine <i>(Hexahydropyridine)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A				B	
Polychlorinated biphenyls	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					
Polyethylene glycols	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A
Polyglycols	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A
Polyisocyanates	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B				B	
Polyvinyl alcohol	A		A		A		A	A		A			A		A			A	A			A	
Potassium acetate, aqueous	B		C	C	B		A	A	A	A			B		A			A	A	A	A	A	
Potassium alum	A	A			A	A	A			A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium antimonate	A		A							A			A		A			A	A				
Potassium borate	A	A	A	A	A	A	A	A	A	A			B		A	A	A	A	A			A	
Potassium bromate	A		A		A		A			A			B		A			A	A	A	A	A	A
Potassium bromide	A		A		A		A			A			A		A			A	A	A		A	
Potassium carbonate	A	A	A	A	A	A	A	A		A	A	A	B		A	A		A	A	A	A	A	A
Potassium carbonate hydrate <i>(Potassium carbonate hydrogen)</i>	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium carbonate hydrogen <i>(Potassium carbonate hydrate)</i>	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium chlorate	C	C	C	C	C	C	A			A	A	A	B		B			A	A	A	A	A	A
Potassium chloride	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A	A	A
Potassium chromate	B		B		B		A			A	A		B	C	B	C	C	A	A	A	A	B	B
Potassium cyanide	A		A		A		A	A		A			B		A	A		A	A	A		A	
Potassium dichromate	B		B		B	C	A	B		A	A		A		A	C	C	A	A	A		A	

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Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE				
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70			
Potassium ferricyanide																				A	A	A		A	A	
Potassium fluoride	A	A	A	A	A	A	A	A	A	A	A		B		B	B	C			A	A	A		A	A	
Potassium hydroxide 25% <i>(Caustic potash, 25%)</i>	A	A	A	A	B	C	A	A	A	A	A	A	A	A	A	A	A			A	A	A	A	A	A	
Potassium hydroxide 50% <i>(Caustic potash, 50%)</i>	A	A	A	B	B	C	A	A	A	A	A		B	B	A	B				A	A	A	A	A	A	
Potassium hypochlorite	C	C	C	C	C	C	B					C			C	C	B			A	A			A	B	
Potassium iodate	A		A		A		A					A			A					A	A				A	
Potassium iodide	B	C	B		A		A	A				A			B	C	A			A	A	A	A	A	A	
Potassium metabisulphite	A	A	A	A	A	A	A					A	A				A	A		A	A	A			A	
Potassium monosulphide	A		A		A		A					A			A		A			A	A	A			A	
Potassium nitrate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			A	A	A	A	A	A	
Potassium oxalate								A												A	A	A			A	
Potassium oxide	A		A		B		A					A			A		A			A	A	A			A	
Potassium perchlorate	C	C	C	C	C	C	A					A			B		B			A	A	A	B			
Potassium permanganate	C	C	C	C	C	C	A					A			C	C	B			A	A	A	A	A	A	
Potassium persulphate	A		B	C	C	C	A					B	C	C	B	C				A	A	A			A	A
Potassium phosphate	A		A		A		A					A			A		A			A	A	A			A	
Potassium pyrophosphate	A		A		A		A					A	A	A	A	A	A			A	A	A			A	
Potassium pyrosulphate	A		A		A		A					A			A		A			A	A	A			A	
Potassium silicate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			A	A				A	
Potassium sulphate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			A	A	A	A	A	A	
Potassium sulphide	A	A	A		A	A	A	A	A	A	A		A		A		A			A	A	A	A	A	A	
Potassium sulphite	A		A		A		A	A	A			A			A		A			A	A	A			A	A
Potassium thiosulphate	A		A		A		A					A			A		A	A		A	A	A			A	
Potassium triiodide	A		A		B		A					A			A		A			A						
Printing inks (depends on solvents)																										
Propane, gas	C	C	C	C	A		C	C	C	C	C	C	B		B	B			A	A	A			A	A	
Propane, liquid	C	C	C	C	A		C	C	C	C	C	C	B		C	C	C			A	A	A			A	
1,2-Propanediol <i>(1,2-Dihydroxypropane / Propyleneglycol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A			A	A	A	A	A	A	A	
1,3-Propanediol <i>(Trimethyleneglycol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A			A	A	A	A	A	A	A	
1,2,3-Propanetriol <i>(Glycerin / Glycerol)</i>	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			A	A	A	A	A	A	
Propanoic acid <i>(Propionic acid)</i>	B		C	C	C	C	A					A			C	C	C	C	C	A	A	A			A	B
n-Propanol <i>(n-Propyl alcohol)</i>	A	A	A		A	A	A	A				A	A		A	A	A	A		A	A	A	B		A	A
2-Propanone <i>(Acetone / Dimethylketone)</i>	A	B	A	B	C	C	A	A				A	A		B		C	C	C	A	A	A	A		A	B
Propargyl alcohol <i>(Propiolic alcohol / Propynol)</i>	B		A		A		A					A			A		A			A	A				A	
Propellant	C	C	C	C	A		C	C	C								B			A					A	
3-Propenol <i>(Allyl alcohol / Vinylcarbinol)</i>	A		A		A		A	A				A	A		A	A	A	A		A	A	A	A	A	A	
Propiolic alcohol <i>(Propargyl alcohol / Propynol)</i>	B		A		A		A					A			A		A			A	A				A	
Propione <i>(Diethylketone)</i>	C	C	C	C	C	C	B					B			C	C	C	C	C	A	A	B	C	A	B	
Propionic acid <i>(Propanoic acid)</i>	B		C	C	C	C	A					A			C	C	C	C	C	A	A	A			A	B
Propionic nitrite	C	C	C	C	A		C	C	C	C	C	C	B													
Propyl acetate	C	C	C	C	C	C	C	C	C	C	B				C	C	C	C	C	A	A	B	C	A	B	
n-Propyl alcohol <i>(n-Propanol)</i>	A	A	A		A	A	A	A				A	A		A	A	A	A		A	A	A	B		A	A
Propylamine	C	C	C	C	C	C	B	C	C	C	C	C	C	C	C	C	B	C	C	A	A	A	B		A	B
Propylene	C	C	C	C	B	C	C	C	C	C	C	C	C	C	C	C	C	C		A	B					
Propylene oxide	C	C	C	C	C	C	B	C	C	B					C	C	C	C	C	A	A				A	
Propyleneglycol <i>(1,2-Dihydroxypropane / 1,2-Propanediol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A			A	A	A	A	A	A	A	
Propylacetone	C	C	C	C	C	C	B					A			C	C	C	C	C	A	A				A	
Propynol <i>(Propargyl alcohol / Propiolic alcohol)</i>	B		A		A		A					A			A		A			A	A				A	
Pyralene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C								
Pyranol	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	C		A					A	
Pyrene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C								
Pyridine	C	C	C	C	C	C	B					B			C	C	C	C	C	A	A	A	B		A	B
Pyromucic aldehyde <i>(Fural / Furaldehyde / Furfural / Furfurol / Furfuryl aldehyde)</i>	C	C	C	C	C	C	B					A			C	C	C	C	C	A	A	C	C		A	
Pyrrrole	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C		A					A	
																										
Rapeseed oil <i>(Colza oil)</i>	C	C	C	C	B		B					A			B		B			A	A				A	
Round-up	A		A		A		A					A			A		A			A					A	

Table rating:

A - Good to excellent. **B** - Acceptable to limited. Satisfactory for non-continuous use. **C** - Unsatisfactory. Not recommended.

Nature of the tube

(refer to corresponding hose on page 2)


Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE		
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70	
																								
Salicylic acid <i>(o-Oxybenzoic acid)</i>	A		B		A		A			A			B		A			A	A	A	A	A	A	A
Sea salt <i>(Sodium chloride)</i>	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A	A	A	A
Sea water	A	A	A	A	B	B	A	A	A	A	A	A	B	B	A	A	A	A	A	A	A	A	A	A
Silicium <i>(Silicium dioxide)</i>	A		A		A		A			A								A	A				A	
Silicium dioxide <i>(Silicium)</i>	A		A		A		A			A								A	A				A	
Silicone greases	A	A	A	A	A	A	A	A		A	A		A	A	A	A		A	A	A	A	A	A	A
Silicone oils	A	A	A	A	A	A	A	A		A	A		A	A	A	A		A	A	A	A	A	A	A
Silver cyanide	A		A		A		A	A		A			A		A	A		A	A				A	A
Silver nitrate	A	A	B	B	A	A	A	A		A	A		A		A	A		A	A	A	B		A	A
Soap water	A	B	B	B	A		A	A	B	A	A		B	B	A	A	A	A	A	A	A	A	A	A
Sodium acetate	B		B		B		A	A	A	A	A		B		A	A		A	A	A	A	A	A	A
Sodium aluminate	A	A			A	A	A	A		A	A	A	A	A	A	A	A	A	A				A	A
Sodium benzoate	C	C			C	C	B			A								A	A	A	A	A	A	A
Sodium borates	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium bromide	A		A		A		A			A			A		A			A	A	A	A	A	A	A
Sodium carbonate	A	A	A	A	A	A	A	A		A	A	A	A		A	A		A	A	A	A	A	A	A
Sodium carbonate hydrate <i>(Sodium carbonate hydrogen)</i>	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium carbonate hydrogen <i>(Sodium carbonate hydrate)</i>	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium chlorate	B	C	B		B		A			A	A	A	B		B			A	A	A	A	A	A	A
Sodium chloride <i>(Sea salt)</i>	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A	A	A	A
Sodium chlorite	C	C	C	C	C	C	A			B			C	C	C	C	C	A	A	B	C	A	B	B
Sodium chromate	B		B		B		A			A	A		B	C	B	C	C	A	A	A	A	B	B	B
Sodium citrate	B		B		B		A	A	A	A	A	A	B		A	A		A	A				A	A
Sodium cyanide	A		A		A		A	A		A			A		A	A		A	A	A	A	A	A	A
Sodium dichromate	B		B		B	C	A	B		A	A		A		A	C	C	A	A	A	A	A	A	A
Sodium disulphide	B		B		B		A			B			B		A			A	A	A	A	A	A	A
Sodium fluoride	A	A	A	A	A	A	A	A		A			B		B	B	C	A	A	A	A	A	A	A
Sodium fluoroaluminat	A		A		A		A			A			A		A			A					A	A
Sodium hydrate, 20%	A		A		A		A			A			B		A			A	A				A	A
Sodium hydrosulphite	A		A		A		A			A			A		A			A	A					
Sodium hydroxide, 25% <i>(Caustic soda, 25%)</i>	A	A	A	A	B	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium hydroxide, 50% <i>(Caustic soda, 50%)</i>	A	A	A	A	B	C	A	A	A	A	A		A	B	A	A	B	A	A	A	B	A	B	B
Sodium hypochloride	C	C	C	C	C	C	A			B			B		B			A	A	B		A	A	A
Sodium hypochlorite, 20% <i>(Bleach water, 20%)</i>	C	C	C	C	C	C	A	B		B			C	C	A	B	C	A	A	B	C	A	B	B
Sodium hypochlorite, 25% <i>(Bleach water, 25%)</i>	C	C	C	C	C	C	A	B		B			C	C	B	C	C	A	A	B	C	A	B	B
Sodium hyposulphite <i>(Sodium thiosulphate)</i>	A	A	A		A		A			A	A		A		A	A		A	A	A	A	A	A	A
Sodium iodide	A		A		A		A	A		A			A		A			A	A	A			A	A
Sodium metabisulphite	A	A	B	B	A	A	A	B		A	A		A	A	A	A	A	A	A	A	B		A	A
Sodium metaphosphate	A		A		B		A			A			B		B			A	A	A	A	A	A	A
Sodium nitrate	A	A	A	A	A	A	A	A		A	A		A		A	A		A	A	A	A	A	A	A
Sodium nitrite	B		B		B		A			A			B		A			A	A	A	A	A	A	A
Sodium oleate	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A						
Sodium oxalate							A											A	A	A			A	A
Sodium perborate	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sodium permanganate	C	C	C	C	C	C	A			A			C	C	B			A	A				A	A
Sodium peroxide	B		B		B		A			A			B		B	B		A	A	A	B		A	A
Sodium phosphate	A	A	A	A	A		A			A	A		B	B	A			A	A	A			A	A
Sodium polyphosphate	A		A		A		A			A			A					A	A	A	A	A	A	A
Sodium pyrophosphate	A		A		A		A			A			B		A			A	A	A			A	A
Sodium pyrosulphate	A		A		A		A			A			A		A			A	A	A			A	A
Sodium pyrotartrate	A		A		A		A			A			A		A			A						A
Sodium silicate	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			A	A
Sodium stearate	B	C	B	C	A	B	B	B		B	B		B	B	B	C	C	A	A				A	A
Sodium sulphate	A	A	A	A	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A	A	A	A
Sodium sulphide	A	A	A		A	A	A	A		B			A		A	A	A	A	A	A	A	A	A	A
Sodium sulphite	A		A		A		A	A		A			A		A			A	A	A			A	A
Sodium tetraborate <i>(Borax)</i>	A	A	A	A	A	B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

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Nature of the tube

(refer to corresponding hose on page 2)


Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		IPE	
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70
Sodium thiosulphate <i>(Sodium hyposulphite)</i>	A	A	A		A		A			A	A		A		A	A		A	A	A	A	A	
Soya oil									B	C	C								A	A			A
Stannic (II) chloride	A	B	A		A		B	B		B			A		A			A	A	A	A	A	A
Stannic chloride	A	B	A	A	A		B	B		B	B		A	A	A			A	A	A	B	A	A
Stannic chloride	A		A		A		B			B			A		A			A	A	A	A	A	A
Starch	A		A		A		A			A			A		A			A	A	A	A	A	A
Stearic acid <i>(Stearin)</i>	B	C	B	C	A	B	B	B		B	C	C	B	B	B	B		A	A	B	C	A	
Stearin <i>(Stearic acid)</i>	B	C	B	C	A	B	B	B		B	C	C	B	B	B	B		A	A	B	C	A	
Styrene <i>(Phenylethylene / Styrolene / Vinylbenzene)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
Styrolene <i>(Phenylethylene / Styrene / Vinylbenzene)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	
Succinic acid	B		A		A		A			A			B							A	B		
Sugar <i>(Glucose)</i>	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sulfur chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B	
Sulfur dioxide <i>(Sulphurous anhydride)</i>	C	C	C	C	C	C	A			B			C	C	A			A	A	A	B	A	A
Sulfur trioxide	B		B		C	C	B			B			C	C	C	C	C	A	A	C	C	B	
Sulfur, liquid at 80°C		C		C		C		C	C		C	C		C		C	C		A				C
Sulphamic acid	B		B		B		B			A			A		B	A		A		C	C	A	
Sulphonic acid	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A			B	
Sulphuric acid, 10%	A	A	A	A	B	C	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Sulphuric acid, 20%	A	B	A		C	C	A	A	B	A	A	B	B	C	A	A	A	A	A	A	A	A	A
Sulphuric acid, 50%	B	C	B	C	C	C	A	A	C	B	B	C	C	C	A	B	C	A	A	A	A	A	B
Sulphuric acid, 75%	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	B	C	A	A	A	B	A	B
Sulphuric acid, 95%	C	C	C	C	C	C	C	C	C	C	C	C	C	C	B	C	C	A	A	C	C	A	B
Sulphuric acid, 98%	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B	C
Sulphuric acid, 100%	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B	C
Sulphuric anhydride	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	C	C	C	C
Sulphuric chlorhydrine <i>(Chlorosulphonic acid)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B	C
Sulphuric ether	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	A	C	A	
Sulphurous acid, 10% to 75%	B		B		C	C	C	C	C	A			C	C	A			A	A	A	A	A	A
Sulphurous acid, 75%	B		B		C	C	B			A	C	C	C	C	A	B		A	A	A	B	A	A
Sulphurous anhydride <i>(Sulfur dioxide)</i>	C	C	C	C	C	C	A			B			C	C	A			A	A	A	B	A	A
Sulphurous gas	C	C	C	C	C	C	A			B			C	C	A			A					A
Sulphurous trioxide	B		B		C	C	B			C			C	C	C	C	C			C	C		
Sulphuryl chloride	C	C	B		C	C	B			B			C	C				A					
Super petrol	C	C	C	C	A	B	C	C	C	C	C	C	C	C	C	C	C	A	A	A	A	A	A
Sweet liquor	A	B	A	B	B	A	A	A		A	A		A	A	A	B		A	A	A			
																							
Talc <i>(Magnesium silicate)</i>	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				A
Tallow	C	C	C	C	A		C	C	C	B	C	C	B	C	C	C	C	A	A	B			A
Tannic acid	A	A	B		A	B	A			A	A		A	B	A	A		A	A	A	A	A	A
Tannin	A	A	B	C	B		A			B	B		A	B	A			A	A	A			A
Tars, liquid	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A		B	C	B	
Tartaric acid	A	A	B	B	A	A	B	B	B	B	B	B	B	B	A	A	A	A	A	A	C	A	A
Tergitol	C	C			A	A				B			B	B	B	B	B	A					
Terpineol	C	C	C	C	A		C	C	C	C	C	C	B		B			A					B
Tetrabromoethane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					B
Tetrabutyl titanate	B		B		B		A			B			A		A			A					
Tetrachloroethane <i>(Acetylene tetrachloride)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A		C	C	A	
Tetrachloroethylene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	C
Tetrachloromethane <i>(Carbon tetrachloride)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	B	C
Tetrachloronaphthalene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					B
Tetradecanol <i>(Myristil alcohol)</i>	A		A		A		A			A			A		A			A	A				A
Tetraethyllead	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	C	A					A
Tetrahydrofuran <i>(THF)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C	A	B
Tetrahydronaphthalene <i>(Tetralin)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	B	C	C	B	
Tetralin <i>(Tetrahydronaphthalene)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	B	C	C	B	
Tetramethyleneglycol <i>(1,4-Butanediol)</i>	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A	A	A
THF <i>(Tetrahydrofuran)</i>	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C	A	B
Thiols	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A					A
Thionyl chloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C	A	

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Nature of the tube

(refer to corresponding hose on page 2)

Symbols	Working temperatures in °C																								
	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE			
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70		
Thiophene	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	A	A				C	C		
Tincture of iodine	A		A		B		B			B			B		B		A	A	A			A			
Titanium (II) chloride	A				B		C	C	C						C	C	C					A			
Titanium trichloride	C	C	B		B		C	C	C	C	C	C	C	C	C	C	A	A					A	B	
Toluene (Methylbenzene)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C		A	B		
Toluidine (Paraaminotoluene / Paramethylamine)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						A		
Transformer oils	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	A	A	B				A		
Triacetin (Glycerol triacetate)	B		C	C	B		A			A			B		B		A						A		
Triaryl phosphate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	A			A		
Tribromomethane (Bromoform)	C	C	C	C	C	C	B			B			C	C	C	C	C	B						B	
Tributoxyethyl phosphate	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	A				A	
Tributyl phosphate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	A	C			A	
Tributylmercaptan	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A								
Trichloroacetic acid	C	C	B	C	B	C	B			B	C	C	B	C	B	C	C	A	A	A	A			B	
Trichlorobenzene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A							B	
Trichloroethane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C				B	
Trichloroethyl phosphate	A		B		C	C	B			A			C	C	C	C	C	A	A						
Trichloroethylene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A		C	C				B	
Trichloroethylene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C				B	C
Trichloromethane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	B				B	C
Trichloropropane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A						A	
Tricresyl phosphate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	A	B			A	
Triethanolamine	B		B		C	C	B			A			A		A		A	A	C	C				A	
Triethylamine	C	C	C	C	B	C	C	C	C	C	C	C	B		A	B	C	A	A	A	B			A	B
Triethylborane	C	C			C	C	B	C	C				C	C	C	C	C								
Triethyleneglycol (Triglycol)	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A			A	A
Trifluorobromochloroethane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A								
Trifluoroethane	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A								
Triglycol (Triethyleneglycol)	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A			A	A
Trihydroxybenzoic acid (Gallic acid)	A		B		C	C	B			B			B	C	B		A	A	A					A	
Trihydroxyhexane (Hexanetriol)	C	C	C	C	A		A			A			B		B		A	A							
Triiodomethane (Iodoform)							A			A							A	A						A	
Triisopropylbenzene	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C									
Trimethylamine	C	C	C	C	B	C	C	C	C	C	C	C	B		A	B	C	A	A	A	B			A	B
Trimethyleneglycol (1,3-Propanediol)	A	A	A	A	A	A	A	A	A	A	A		A	A	A	A		A	A	A	A			A	A
Trinitroglycerin	B		B		C	C	A			A			B												
Trinitrophenol	B	C	B		B	C	B			B			A		A		A	A	B					A	
Trinitrotoluene	C	C	C	C	C	C	C	C	C	C	C	C	B		B		A							C	C
Trioctyl phosphate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	A				A	
Triphenyl phosphate	C	C	C	C	C	C	B			A			C	C	C	C	C	A	A	A				A	
Trisodium phosphate	A		A		A		A			A			B		B		A	A	A					A	
Trixylyl phosphate	C	C	C	C	C	C	B			B			C	C	C	C	C	A	A	A				A	
Turpentine	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	A	A						A	
Turpentine	C	C	C	C	B		C	C	C	B	C	C	C	C	C	C	A	A	C	C				A	
Turpentine	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	A	A	B	C				A	
Two star petrol	C	C	C	C	A	B	C	C	C	C	C	C	A	C	C	C	C	A	A	A	A			A	A
Unleaded petrol	C	C	C	C	A	B	C	C	C	C	C	C	C	C	C	C	A	A	A	A				A	A
Uranium			B		B		B																		
Urea	A		A		A		A	A		A			A		A		A	A	A	A				A	A
Uric acid	A				A												A	A						A	
Urine	A		A		A		A			A			A		A		A	A	A					A	
Vaseline	C	C	C	C	C	C	A			B			B		A		A	A	A	A				A	A
Vegetable fat	C	C	C	C	A	A	C	C	C	B			B		B		A	A						A	
Vegetable oil	C	C	C	C	B		C	C	C	C	C	C	C	C	C	C	A	A						A	
Varnish (depends on solvents)																									
Vinegar	B	C	C	C	A	C	A	C	C	A	B	B	B		B	C	C	A	A	A	A			A	A

Table rating:

A - Good to excellent. B - Acceptable to limited. Satisfactory for non-continuous use. C - Unsatisfactory. Not recommended.

Nature of the tube

(refer to corresponding hose on page 2)





Symbols	NR		SBR		NBR		EPDM			IIR			CR		CSM			FEP		PP		UPE		
	25	70	25	70	25	70	25	70	100	25	70	90	25	70	25	70	90	25	70	25	70	25	70	
Vinyl acetate	C	C	C	C	C	C	C	C	C	B			C	C	C	C	C	A	A	B			A	
Vinyl chloride	C	C	C	C	C	C	B			C	C	C	C	C	C	C	C	A	A				A	C
Vinyl cyanide	B		B		C	C	C	C	C	C	C	C	B		C	C	C							
Vinyl ether	C	C	C	C	B		C	C	C	A			C	C	B			A					A	
Vinyl fluoride, inhibited	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C							
Vinyl metacrylate	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A			A		C	C		A	
Vinyl trichloride	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						A
Vinylacetylene	B		B		A		A			A			B		C	C	C	A		B	C		A	
Vinylbenzene (Phenylethylene / Styrene / Styrolene)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C		A	
Vinylcarbinol (Allyl alcohol / 3-Propenol)	A		A		A		A	A		A	A		A	A	A	A		A	A	A	A		A	A
Vinylidene chloride	C	C	C	C	C	C	B			B	C	C	C	C	C	C	C	A						A
Vitriol ether	C	C	B		C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	C	C			A
																								
Washing powder, detergents, aqueous solution	A		A		B	C	A	A	A	A	A	A	A	A	A	A		A	A				A	A
Water	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A
White spirit	C	C	C	C	A		C	C	C	C	C	C	C	C	C	C	C	A	A	A	B		A	B
White-wash	A	A	A	A	A		A	A		A	A	A	A	A	A	A		A	A	A	A		A	A
Wine	A	A	A		A		A	A		C	C	C	B		A	A		A	A	A	A		A	A
																								
Xenon	A	A	A		A	A	A	A		A			A		A	A		A	A	A			A	A
Xylamone	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						
Xylene (Dimethylbenzene)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A	B	C		A	B
Xylenols (Dimethylphenols)	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A	A					
Xylidene	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						
Xylidine	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	A						B
																								
Yeast	A		A		A		A			A			A		A			A	A				A	A
																								
Zeolite	A	A	A	A	A	A	A	A		A	A	A	A	A	A	A		A	A	A	A		A	A
Zinc acetate	B		C	C	B		A			A	A		B		A	B		A	A	A	A		A	A
Zinc chloride	B		B		B		A			A	A		B		A			A	A	A	A		A	A
Zinc sulphate	B	B	B	B	A	A	A	A		A	A		A	A	A	A	A	A	A	A	A		A	A

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A series of horizontal dashed lines for writing notes.