

Bestendigheidstabel

Beständigkeitsliste

Resistance Chart

FLUID/MEDIUM	CAS-NR.	CONCENTRATION	UPE	PA	PP	PVC soft	FEP	EPDM	FPM	NBR
Ethyl chloride										
Ethyl chloroacetate	000105-39-5	techn. pure	1/1	(3)	1/1	3/4	(1)	3/0	4/4	4/4
Ethyl cyanoacetate	000105-56-6		1/1	0/0	1/1	0/0	1/1	(2)	(3)	(3)
Ethyl formate	000109-94-4		0/0	0/0	(2)	0/0	(1)	(3)	(4)	4/4
Ethyl lactate	000097-64-3		1/1	(2)	1/1	0/0	1/1	(3)	(3)	(3)
Ethyl mercaptan	000075-08-1		0/0	(2)	(2)	0/0	(1)	(3)	(3)	4/4
Ethyl silicate	000078-10-4		0/0	(2)	(2)	0/0	(1)	(3)	(3)	1/0
Ethylbenzene	000100-41-4		2/3	(2)	3/4	4/4	1/1	4/4	(2)	4/4
Ethylene	000074-85-1		0/0	1/0	(2)	0/0	1/1	(3)	3/0	3/3
Ethylene dibromiden (EDB)	000106-93-4		(4)	(2)	4/4	0/0	(1)	4/4	(3)	4/4
Ethylene glycol	000107-21-1		1/1	3/3	1/1	3/3	1/1	1/0	1/2	1/1
Ethylene glycol monobutyl ether	000111-76-2	100 %	0/0	1/0	1/0	4/4	1/1	3/0	3/4	3/4
Ethylene glycol monoethyl ether	000110-80-5	100 %	0/0	(3)	2/4	4/4	1/1	3/0	4/4	4/4
Ethylene glycol monoethyl ether acetate	000115-15-9		1/1	0/0	1/2	0/0	1/1	2/0	4/4	4/4
Ethylene glycol monomethyl ether	000109-86-4	100 %	1/0	1/0	1/1	4/4	1/1	3/0	4/4	4/4
Ethylene glycol monomethyl ether oleate	000111-10-4		1/1	(2)	1/2	0/0	1/1	4/4	(2)	4/4
Ethylene oxide	000075-21-8		2/3	3/0	3/3	0/0	1/1	4/4	4/4	4/4
Ethylenediaminetetraacetic acid (EDTA)	000060-00-4		1/1	(2)	1/1	0/0	1/1	(1)	(2)	(1)
Ethylhexanol-1	000104-76-7		0/0	(2)	1/0	4/4	(1)	1/0	1/0	1/0
Eucalyptus oil	008000-48-8		0/0	(2)	(2)	0/0	(1)	4/4	(3)	(4)
Exhaust gases, alkaline	—		1/1	(2)	1/1	0/0	0/0	1/0	1/0	1/0
Exhaust gases, + carbon dioxide	—	small	1/1	(1)	1/1	(1)	1/1	1/0	1/0	(1)
Exhaust gases, + hydrochloric acid	—	each	1/1	(3)	1/1	0/0	1/1	1/0	1/0	3/0
Exhaust gases, + hydrogen fluoride	—	small	1/1	(3)	1/1	0/0	1/1	1/0	1/0	1/0
Exhaust gases,+nitrose	—	small	1/1	(3)	1/3	0/0	1/1	1/0	1/0	(3)
Exhaust gases, + sulfur dioxide	—	small	1/1	(2)	1/1	0/0	1/1	1/0	1/0	3/0
Exhaust gases, + sulfur trioxide	—	small	1/1	(4)	4/4	0/0	(2)	1/0	1/0	4/4
Exhaust gases, + sulfuric acid	—	each	1/1	(4)	1/3	0/0	1/1	1/0	1/0	4/4
Fat, animal	—		0/0	1/0	1/3	0/0	(1)	4/4	1/0	1/0
Fat, mineral	—		0/0	1/0	1/3	0/0	(1)	(4)	(1)	1/0
Fat, vegetable	—		0/0	1/0	1/3	0/0	(1)	4/4	1/0	1/0
Fats, edible oil	—		0/0	1/0	3/0	3/0	(1)	4/4	1/0	1/1
Fatty alcohol sulfonates	—	aqueous	1/1	1/0	1/3	0/0	(1)	(2)	(2)	1/1
Ferric chloride	007705-08-0	saturated	1/1	3/0	1/1	1/0	1/1	(1)	1/1	1/1
Ferric nitrate	010421-48-4	aqueous	1/1	(2)	1/1	0/0	1/1	(1)	(1)	1/0
Ferric nitrate	010421-48-4	saturated	1/1	1/0	1/1	1/0	1/1	(1)	(1)	1/0
Ferric sulfate	010028-22-5	saturated	1/1	(2)	1/1	0/0	1/1	(1)	(1)	(1)
Ferrous chloride	007758-94-3	saturated	1/1	3/0	1/1	1/0	1/1	(1)	1/1	(1)
Ferrous sulfate	007720-78-7	saturated	1/1	(2)	1/1	1/0	1/1	(1)	(1)	(1)
Ferrous sulfate	007720-78-7	aqueous	1/1	(2)	1/1	0/0	1/1	(1)	(1)	1/0
Ferrous sulfate	007720-78-7		1/1	(2)	1/1	0/0	1/1	(1)	1/0	(1)
Fire-damp	—		0/0	1/0	(2)	0/0	(1)	4/4	1/0	1/0

- 0 no data available
 1 excellent, little or no swelling or softening or surface deterioration
 2 good resistance, minor chemical attack, swelling, softening or surface deterioration
 3 limited resistance, only suitable for short term contact and cleaning the hose after use

- 4 severe attack - not suitable
 K no public information available
 () questionable resistance, test before use
 If values are given per substance:
 left number = value at +20°C /
 right number = value at +50°C