

Bestendigheidstabel

Beständigkeitsliste

Resistance Chart

FLUID/MEDIUM	CAS-NR.	CONCENTRATION	UPE	PA	PP	PVC soft	FEP	EPDM	FPM	NBR
HD-Oil motor oil, without aromatics	—		1/0	1/0	1/3	0/0	(1)	4/4	(1)	3/3
Helium	007440-59-7		0/0	1/0	1/0	0/0	(1)	1/0	1/0	1/0
Henkel-P3-solution	—		1/1	(2)	1/1	0/0	(1)	(2)	(2)	1/0
Heptane, normal	000142-82-5		2/3	1/0	2/4	4/4	1/1	4/4	1/1	1/1
Heptanol, 1-	000111-70-6		0/0	(2)	(2)	0/0	(1)	4/4	(1)	1/0
Heptanone	—		0/0	(3)	(3)	0/0	(1)	(4)	(4)	4/4
Hexachlorbenzene (HCB)	000118-74-1		0/0	(3)	(3)	0/0	(1)	4/4	(3)	4/4
Hexachlorocyclohexane (alpha-BHC)	000319-84-6		0/0	(3)	(3)	0/0	(1)	4/4	1/0	4/4
Hexahydropyridine										
Hexaldehyde, n-	000066-25-1		0/0	0/0	(2)	0/0	(1)	3/0	4/4	4/4
Hexamethylenetetramine	000100-97-0		0/0	(2)	(2)	0/0	(1)	(2)	(2)	(3)
Hexane, n-	000110-54-3		2/3	1/0	2/3	4/4	1/1	4/4	1/1	1/1
Hexanedioic acid										
Hexanetriol	—	100 %	1/1	(2)	1/1	3/3	(1)	1/0	1/0	1/0
Hexene, 1-	000592-41-6		0/0	1/0	(3)	0/0	(1)	4/4	1/0	3/3
Hexyl alcohol	000111-27-3		1/0	(2)	1/2	3/0	(1)	4/4	1/0	1/0
Honey	—		1/1	1/1	1/1	0/0	1/1	1/1	(1)	1/1
Hydraulic fluids, HFA	—	50°C	0	0	(3)	0	0	4	0	1
Hydraulic fluids, HFB	—	50°C	0	0	(3)	0	0	4	0	1
Hydraulic fluids, HFC	—	60°C	0	0	(3)	0	0	0	0	1
Hydraulic fluids, HFD-R	—	100°C	0	0	(3)	0	0	0	0	4
Hydraulic fluids, HFD-S	—	100°C	0	0	(3)	0	0	0	0	4
Hydraulic oil (based on mineral oil)	—		0/0	0/0	1/3	0/0	(1)	4/4	(1)	1/0
Hydrazine	000302-01-2	10 %	1/1	4/4	1/1	0/0	1/0	1/0	3/4	4/4
Hydrazine hydrate	010217-52-4	aqueous	1/1	4/4	1/1	0/0	1/0	1/0	3/4	4/4
Hydrogen	001333-74-0	techn. pure	1/1	1/0	1/1	1/1	(1)	1/0	1/0	1/1
Hydrogen bromide	010035-10-6	40 %	1/0	4/4	1/1	3/3	1/1	3/0	1/0	4/4
Hydrogen bromide	010035-10-6	50 %	1/1	4/4	1/2	3/3	1/1	3/0	1/0	4/4
Hydrogen carboxylic acid										
Hydrogen chloride	007647-01-0	1-5 %	1/1	4/4	1/1	0/0	1/1	1/0	1/1	3/4
Hydrogen chloride	007647-01-0	35 %	1/1	4/4	1/2	3/3	1/1	3/0	1/2	4/4
Hydrogen chloride	007647-01-0	concen	1/1	4/4	1/2	3/3	1/1	3/0	1/2	4/4
Hydrogen chloride	007647-01-0	20 %	1/1	4/4	1/1	0/0	1/1	1/0	1/1	4/4
Hydrogen chloride (gas)	007647-01-0	anhydrous	1/1	4/4	1/1	0/0	1/1	1/0	1/0	4/4
Hydrogen cyanide	000074-90-8	techn. pure	1/1	(3)	1/1	1/0	1/1	1/0	1/0	3/0
Hydrogen cyanide	000074-90-8	aqueous	1/1	(3)	1/1	1/0	1/1	1/0	1/0	3/0
Hydrogen fluoride	007664-39-3	anhydrous	0/0	4/4	(2)	0/0	(1)	3/4	(3)	4/4
Hydrogen fluoride	007664-39-3	4 %	1/1	4/4	1/2	0/0	1/1	(3)	1/3	(2)
Hydrogen fluoride	007664-39-3	50 %	1/1	4/4	1/1	2/0	1/1	3/4	1/3	3/4
Hydrogen fluoride	007664-39-3	70 %	0/0	4/4	1/3	3/0	(1)	3/4	(3)	4/4
Hydrogen fluoride	007664-39-3	100 %	0/0	4/4	(2)	0/0	(1)	3/4	(3)	4/4
Hydrogen peroxide	007722-84-1	30 %	1/1	4/4	1/3	0/0	1/1	3/0	1/1	4/4

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