

Bestendigheidstabel

Beständigkeitsliste

Resistance Chart

FLUID/MEDIUM	CAS-NR.	CONCENTRATION	UPE	PA	PP	PVC soft	FEP	EPDM	FPM	NBR
Oleic acid	000112-80-1	techn. pure	1/3	1/0	1/3	0/0	(1)	4/4	2/2	3/0
Oleic acid methyl ester	000112-62-9		0/0	(2)	(2)	0/0	(1)	3/0	1/0	4/4
Oleum	008014-95-7	10 % SO ₃	4/4	4/4	4/4	4/4	1/0	4/4	1/0	4/4
Oleum steams	—	small	4/4	4/4	4/4	0/0	(1)	(3)	1/0	(3)
Olive oil	008001-25-0		1/3	(2)	1/1	0/0	(1)	4/4	1/1	1/1
Orange juice	—		1/1	(1)	1/1	0/0	1/1	(1)	(1)	(1)
Orange oil	008028-48-6		(3)	1/0	(3)	0/0	(1)	4/4	(2)	(3)
Orange oil, bitter	068916-04-1		2/3	(2)	2/3	0/0	1/1	4/4	(2)	(4)
Oxalic acid	000144-62-7	aqueous	1/1	4/4	1/1	0/0	1/1	1/0	1/1	3/3
Oxalic acid	000144-62-7		1/1	3/4	1/1	1/1	1/1	1/0	1/1	3/3
Oxygen	007782-44-7	techn. pure	1/3	2/0	1/3	1/0	1/1	1/0	1/0	3/3
Ozone	010028-15-6		3/4	4/4	3/4	0/0	1/1	1/0	1/0	4/4
Ozone-air-mixture	—		0/0	4/4	3/4	0/0	1/1	1/0	1/0	4/4
Palm kernel oil	008023-79-8		0/0	1/0	1/3	0/0	(1)	4/4	1/0	1/1
Palm oil	008002-75-3		1/3	1/0	1/3	0/0	(1)	4/4	1/0	1/1
Palmitic acid	000057-10-3	techn. pure	3/3	1/1	3/4	3/0	(1)	4/4	1/1	3/3
Paraffin wax	008002-74-2	melted	0	0	(2)	0	(1)	4	(2)	1
Paraffin-emulsion	—		1/3	1/0	1/3	0/0	(1)	(4)	1/0	1/1
Paraffins	—	100 %	1/0	1/0	1/1	1/0	(1)	4/4	1/0	1/3
Paraformaldehyde	030525-89-4		0/0	0/0	1/0	0/0	(1)	3/0	1/0	3/3
Peanut oil	008002-03-7		0/0	0/0	1/1	0/0	(1)	4/4	1/0	1/0
Pectin	009000-69-5	aqueous	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Pectin	009000-69-5		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Penicillin	—		(1)	(2)	(2)	0/0	1/1	(2)	(1)	(2)
Pentachlorobiphenyl	—		0/0	1/0	4/4	0/0	0/0	4/4	3/0	4/4
Pentane, normal	000109-66-0		1/3	1/0	(3)	0/0	(1)	4/4	1/0	1/2
Pentanethiol, 1-	000110-66-7		0/0	(2)	(2)	0/0	(1)	4/4	(3)	(4)
Pentanol, 1-	000071-41-0		1/1	1/0	1/1	3/0	1/1	3/0	2/4	3/0
Pentanone, 3-	000096-22-0		2/2	(3)	2/2	0/0	1/1	(3)	(4)	(4)
Pentyl alcohol, n-										
Pepper	—	ground	0/0	(2)	(2)	0/0	(1)	(2)	(2)	(2)
Perchloric acid	007601-90-3	70 %	2/4	4/4	4/4	4/4	1/1	3/0	1/1	4/4
Perchloric acid	007601-90-3	20 %	0/0	4/4	1/3	3/0	1/1	2/0	1/1	4/4
Perchlorobutadiene	000087-68-3		0/0	(3)	(3)	0/0	(1)	4/4	1/0	4/4
Perchloroethylene										
Perfluorocyclobutane	000115-25-3		0/0	1/0	(3)	0/0	0/0	1/0	3/0	1/0
Perfumes	—		3/0	1/0	1/0	3/0	(1)	(3)	(2)	(3)
Petroleum	008002-05-9		0/0	1/0	1/0	0/0	(1)	4/4	1/0	3/3
Petroleum ether	008032-32-4	techn. pure	1/3	1/0	1/3	3/3	(1)	4/4	1/0	1/3
Phenacetin	000062-44-2		0/0	0/0	(2)	0/0	(1)	(2)	(2)	(2)

- 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 tttack - 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