Wigrex
Spill Control

Resistance list for WX Leakmaster

A = resistant	= seal is not affected
B = partly resistant	= seal shrinks resp. wells up in case of longer contact
C = not resistant	= seal quickly shrinks resp. dissolves

Testing method supports on DIN 53428 (summary of the technical information from the manufacturer).

Medium	change of weight in %		change of volume in %		judgement
	after 28 days	after 5 days with 23℃	after 28 days	after 5 days with 23℃	
hydrochloric acid 10%ig	+ 3,5	0	- 1	0	A
hydrochloric acid concentrate	+ 5	+ 0,5	- 3,5	+ 12	C
sulphuric acid 3%ig	+ 3,5	0	- 0,5	0	A
sulphuric acid 30%ig	+ 4	+ 1,5	0	0	A
nitric acid 10%ig	+ 4	+ 0,5	- 15	- 10	B
distilled water	+ 3,5	0	+ 1,5	0	A
seawater	+ 3,5	0	- 1	+ 2,5	A
hydrogen peroxide 10%ig	+ 3,5	0	- 3	- 2,5	A
alcaline solder solution	+ 3	0	- 0,5	0	A
acid solder solution	+ 2,5	0	- 0,5	0	A
fluorine hydrogen acid 5%ig	+ 3,5	0	- 5	0	A
sodium hydroxide	+ 6	+ 1,5	- 2,5	+ 2	A
sodium chloric solution	+ 2,5	+ 0,5	+ 1,5	+ 2,5	A
dithylether	+ 17	0	- 0,5	- 17	C
acetic acid 3%ig	+ 4	+ 0,5	- 5	+ 1	A
acetic acid concentrate	+ 4,5	+ 1	- 14	+ 8	B
ethanol	+ 5	+ 0,5	+ 0,5	0	A
petrol 100 – 140	+ 17	0	+ 10	- 2,5	A
diesel fuel	+ 6	+ 3	+ 10	+ 12	B
petroleum	+ 9	+ 1,5	+ 11	+ 10	B
oil of white spirit	+ 14	0	+ 11	+ 2	A
olive oil	+ 6	+ 3	- 13	- 9	B
benzin + benzene 1:1	+ 25	0	+ 9	- 5	B
benzene	+ 21	0	+ 9	- 4	B
tetraline	-	-	- 60	- 70	-
dekaline	+ 16	0	+ 11	- 1,5	B
acetone	+ 4,5	0	+ 1,5	- 2,5	A
tetrahydofurane	+ 18	+ 1	- 12	- 21	C
ethylacetate	+ 5	0	+ 2,5	- 1,5	A
trichlorethane	+ 50	0	+ 10	- 6	B
formaline	+ 4	0	- 4,5	0	B