25/03/2013
No. 37.1_GB

Behaviour of AF/Armaflex, Armaflex XG, SH/Armaflex, Armflex HP and Armacell Elastomeric Foam against liquids, vapours, gases and solid substances, (in accordance to DIN 53 428 "check of foam materials")

legend:	+	=	unchanged
	1	=	traces of attack
	2	=	slightly attacked
	3	=	moderately attacked
	4	=	strongly attacked
	5	=	very strongly attacked

substance	concentration	testing period				
		1 h	24h	7d	14d	28d
1.2 Dichlorethane	99%	3	3	4	5	5
Acetone	100%	2	3	4	5	5
Acetic Acid	20%	+	1	2	2	2
Ammonia	gaseous (1,17*10-2%)	+	+	+	+	+
Ammonia, in water solution	32%	1	3	5	5	5
Ammonium phosphate	30%	1	1	1	2	2
Ammonium sulphate	30%	1	1	1	2	2
ASTM Oil No. 1 (PAE 15960)	100%	1	2	2	2	2
ASTM Oil No. 2 (PAE 15961)	100%	1	2	3	3	3
ASTM Oil No. 3 (PAE 15962)	100%	1	3	3	3	4
ASTM Oil No. 5 (PAE 15768)	100%	1	2	2	3	3
Benzil alcohol	99%	2	3	3	4	5
Butyl acetate	98%	2	2	4	5	5
Chloroform	100%	2	3	4	5	5
cleaner Desmofix K	10%	+	+	2	2	2
Desinfection substance Pursept-AF	1%	+	1	2	2	2
Dichlormethane (Methyl Chloride)	100%	2	4	5	5	5
Ethylene acetate	100%	2	3	3	4	5
Ethyl-methyl-keton	99%	2	2	4	5	5
Hexan	100%	+	1	1	2	2
Hydrogene peroxide	3%	+	+	3	3	3
Isobutyl acetate	100%	1	2	3	5	5
Nitric acid	20%	+	1	3	3	4
Paraffin	100%	+	2	2	2	2

Copyright: Armacell Enterprise GmbH

substance	concentration	testing period				
		1 h	24h	7d	14d	28d
Propan-2-ol (Isopropyl alcohol)	100%	+	+	1	2	2
Soda carbonate	saturated solution	1	1	1	2	2
Sodium chloride	saturated solution	1	1	2	2	2
Sodium hydroxide (caustic soda)	40%	+	1	1	1	1
Sodium sulphate (Glauber salt)	saturated solution	1	1	1	2	2
Sulphuric acid	20%	1	2	2	2	2
Xylene (Dimethylbenzene)	97%	1	2	4	5	5

Note:
The statements made and collected have been developed by our own tests, recommendations from our suppliers of raw materials and experience of our customers. The information may constitute a guide only, since individual operating conditions affect the usability in addition. In cases where there is no operational experience, we recommend a preliminary test for the user to avoid risks.

Copyright: Armacell Enterprise GmbH