



DOCUMENTATION SHEET

Rubber Bellows  
Chemical resistance

# CHEMICAL RESISTANCE

## PART 1, A-K

Rating code A Excellent B Good C Conditional X Inappropriate Please ask	Innerliner of expansion joint									
	ECO	NR	CR	NBR	EPDM	CSM	IIR	SBR	FKM	PTFE
	Epichloridine	Natural	Chloroprene	Nitrile	EPDM	Hypalon	Butyl	SBR	Viton	Teflon
<b>Chemicals in system</b>										
Acetaldehyde D	-	X	X	X	B	C	B	X	A	A
Acetic acid 5%	B	B	A	B	A	A	A	B	A	A
Acetic acid 10%	B	B	B	B	A	B	A	B	A	A
Acetic acid 20%	B	B	B	B	A	B	B	B	B	A
Acetic acid 30%	B	B	B	B	A	B	B	B	B	A
Acetic acid 50%	B	B	C	C	A	B	B	C	C	A
Acetic acid 99,5% glacials	X	B	X	C	B	C	B	C	X	A
Acetic acid. Amhydride	X	C	C	X	A	C	A	C	X	A
Aceton	X	B	C	X	A	C	A	C	X	A
Acetylene	-	B	B	A	A	B	B	C	X	A
Ammonia gas, cold	-	A	A	A	A	A	A	C	X	A
Ammonia gas, hot	-	X	B	X	B	B	A	C	X	A
Ammonia, liquid	-	B	A	B	A	B	A	B	X	A
Ammonium hydroxid	B	B	B	C	A	A	A	B	B	A
Amyl acetate	X	C	X	X	A	C	A	X	X	A
Aniline	X	X	X	X	B	X	B	X	B	A
Aniline dyes	-	B	B	C	B	B	B	B	B	A
Animal fats	A	X	B	A	B	B	B	X	A	A
Argon	-	X	X	C	A	X	B	X	A	A
Arsenic acid	-	B	B	B	A	A	A	B	A	A
Beer	A	A	A	A	A	A	A	A	A	A
Benzene (Benzol)	X	X	X	X	X	X	X	X	A	A
Black liquer	-	X	C	A	X	C	X	X	A	A
Brandy	-	A	A	A	A	A	A	A	A	A
Bromine liquid	-	X	X	X	X	X	X	X	A	A
Butane	A	X	A	A	X	B	X	X	A	A
Butanol (butyl alcohol)	-	A	A	A	A	A	A	A	A	A
Butyl acetat	X	X	X	X	B	C	X	X	X	A
Calcium hypochlorite	B	C	X	C	A	A	B	X	A	A
Caustic potash	-	B	B	C	B	A	A	B	C	A
Caustic soda	-	A	B	C	A	B	A	B	B	A
Chlorine gas, dry 40°C	B	X	X	X	C	C	X	X	A	A
Chlorine gas, wet 40°C	B	X	X	X	C	C	X	X	C	A
Chlorine solution, 0.1 gr/l	-	-	-	A	A	A	-	-	A	A
Chlorine solution, 0.1-1gr/l	-	-	-	A	A	A	-	-	A	A
Chlorine solution, 1-10g/l 40°C	-	-	-	B	B	B	-	-	-	-
Chlorine solution, >10gr/l 40°C	-	-	-	C	C	C	-	-	-	-



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	Epichloridine	Natural	Chloroprene	Nitrile	EPDM	Hypalon	Butyl	SBR	Viton	Teflon	
<b>Chemicals in system</b>											
<b>Chlorosulphonic acid</b>	-	X	X	X	X	X	X	X	C	A	
<b>Chromic acid</b>	-	X	X	X	C	B	C	X	A	A	
<b>Detergent</b>	A	B	B	A	A	A	A	B	A	A	
<b>Diesel oil</b>	A	X	C	A	X	C	X	X	A	A	
<b>Ethane</b>	-	X	B	A	X	B	X	X	A	A	
<b>Ethanol</b>	B	A	A	A	A	A	A	A	B	A	
<b>Ether, Ethyl ether</b>	B	X	X	C	X	X	C	X	X	A	
<b>Ethyl acetat</b>	-	X	X	X	B	X	B	X	X	A	
<b>Ethyl chloride</b>	B	B	X	B	A	C	A	B	A	A	
<b>Ethyl glycol (Cellosolve)</b>	-	X	X	C	B	C	B	X	C	A	
<b>Ethylene chloride</b>	-	X	X	X	C	X	C	X	B	A	
<b>Ethylene glycol</b>	A	A	A	A	A	A	A	A	A	A	
<b>Ferrous salts, non oxidizing</b>	-	A	A	A	A	A	A	A	A	A	
<b>Formaldehyde, formalin 40°C</b>	B	B	B	B	A	A	A	B	A	A	
<b>Formic acid 40°C</b>	B	B	B	X	A	B	A	A	X	A	
<b>Fuel oil</b>	A	X	C	Z	X	C	X	X	A	A	
<b>Furan (Furfuran)</b>	-	X	X	X	X	X	X	X	C	A	
<b>Furfural (Furfurol)</b>	X	X	X	X	B	C	B	X	X	A	
<b>Glucose</b>	A	A	A	A	A	A	A	A	A	A	
<b>Glycerine, glycerol</b>	A	A	A	A	A	A	A	A	A	A	
<b>Green liquor, white liquor</b>	A	A	A	A	A	A	A	A	A	A	
<b>Hydraulic oil</b>	A	X	B	A	X	B	X	X	A	A	
<b>Hydrobromic acid, max 40°C</b>	-	-	-	C	A	A	B	-	B	A	
<b>Hydrochloric acid, 37%</b>	B	-	-	X	A	A	-	-	-	A	
<b>Hydrochloric acid, 37% 70°C</b>	C	X	X	X	X	C	X	X	X	A	
<b>Hydrochloric acid, diluted</b>	-	-	-	C	A	A	B	-	A	A	
<b>Hydrofluoric acid, 50% 40°C</b>	-	C	C	X	B	B	B	C	A	A	
<b>Hydrofluosilicic acid 40°C</b>	-	A	B	B		A	A	B	A	A	
<b>Hydrogen</b>	-	B	A	A	A	A	A	B	A	A	
<b>Hydrogen peroxid, 3% 40°C</b>	-	B	B	B	A	A	A	B	A	A	
<b>Hydrogen peroxid, 30% 20°C</b>	-	C	C	C	B	A	B	C	A	A	
<b>Hydrogen peroxid, 90% 20°C</b>	-	C	C	C	-	-	-	-	B	A	
<b>Hydrogen sulphide, dry 20°C</b>	-	A	A	A	A	A	A	A	X	A	
<b>Hydrogen sulphide, wet 20°C</b>	B	X	A	C	A	A	A	X	X	A	
<b>Hydrogen sulphide, wet 40°C</b>	B	X	C	X	B	C	B	X	X	A	