

RESISTANCE TO CHEMICAL AGENTS

COFRA boasts one of the most advanced laboratories in the safety world. Within its walls, continuous quality checks on materials are conducted and tests on all components are carried out, with particular attention to their features in terms of mechanics, hydrolysis and resistance to aggressive agents.

The PVC ERGO-NITRIL compound is the result of an in-depth research and a hydrocarbons specialized know-how and is able to satisfy any demand of work environments.

HYDROCARBONS (oils and solvents)		MIXTURES		ALCOHOLS		SALTS AND ALKALIES	
	PVC ERGO-NITRIL		PVC ERGO-NITRIL		PVC ERGO-NITRIL		PVC ERGO-NITRIL
Turpentine	2	Sea water	3	Amyl alcohol	1	Potassium dichromate	3
ASTM 1 OIL	1	Acrylonitrile	1	Benzyl alcohol	1	Ammonium chloride	3
ASTM 2 OIL	X	Starch	3	Butyl alcohol	1	Calcium chloride	2
ASTM 3 OIL	1	Aniline	X	Ethyl alcohol	3	Potassium chloride	3
Benzene	X	Butter (158°F)	2	Methyl alcohol	2	Sodium chloride	3
Butane	X	Milk butter	3	Octyl alcohol	1	Ferric chlorid	3
Kerosene (domestic)	1	Chlorobenzene	X	Propyl alcohol	3	Copper chloride	3
Cyclohexane	1	Chlorophenol	2	Diacetone alcohol	1	Ammonium hydroxide	3
Chloroform	X	Cresol	1	Glycerine	3	Calcium hydroxide	3
Benzyl Chloride	X	Dibenzylether	2	Diethanolamine	3	Potassium hydroxide	3
Methylene Chloride	X	Dichlorobenzene	X			Sodium hydroxide	3
Hexane	1	Ethylether	3			Sodium hypochlorite 20%	3
Diesel oil (cracking)	X	Sodium hypochlorite	1			Calcium nitrate	3
Diesel oil (SR)	2	Milk	3			Potassium nitrate	3
Grease (all kinds)	2	Monoethanolamine	2			Ferric nitrate	3
Isoctane	1	Morpholine	X			Ammonium sulphate	3
Methyl Chloride	1	Hydrogen peroxide	3			Potassium sulphate	3
Oil mixture	2	Soap	3			Copper sulphate	3
Nitrobenzene	X	Paint remover	X			Ferric sulphate	3
Animal oil	3					Calcium sulphate	3
Coconut oil	3					Calcium sulphide	3
Cod-liver oil	3						
Linseed oil	1						
Corn oil	3						
Olive oil	3						
Pine oil	3						
Castor oil	3						
Cottonseed oil	3						
Silicone oil	3						
Lard oil (158°F)	2						
Hydraulic oil	2						
Mineral oil	1						
Vegetable oil	2						
Perchloroethylene	2						
Propane	X						
Beef tallow (158°F)	3						
Carbon tetrachloride	2						
Toluene	X						
Trychlorethylene	1						
Xilene	X						

INORGANIC ACIDS		ORGANIC ACIDS	
	PVC ERGO-NITRIL		PVC ERGO-NITRIL
Bromidric acid	1	Acetic acid	2
Carbonic acid	3	Boric acid	3
Hydrochloric acid conc.	3	Citric acid	3
Hydrofluoric acid	2	Carbolic acid	1
Phosphoric acid	2	Formic acid	2
Nitric acid 10%	3	Malic acid	3
Nitric acid conc.	1	Tartaric acid	3
Perchloric acid	1	Oleic acid	1
Hydrogen sulphide	2	Palmitic acid	3
Sulphuric acid 50%	1	Stearic acid (158°F)	1
Sulphuric acid conc.	X	Tannic acid	3
Chlorine water	2		

ALDEHYDES AND KETONES		ORGANIC ESTERS	
	PVC ERGO-NITRIL		PVC ERGO-NITRIL
Acetaldehyde	X	Amyl acetate	X
Acetone	X	Butyl acetate	X
Benzaldehyde	X	Ethyl acetate	1
Butyraldehyde	1	Dibutyl phtalate	2
Chloracetone	X	Ethyl formate	1
Formaldehyde	2	Methyl acetate	X
Methyl ethyl Ketone	X	Propyl acetate	X

LEGEND

EXCELLENT	3
GOOD	2
FAIR	1
NOT RECOMMENDED	X

