

## **ALLEGATO 3:**

### **COMPATIBILITÀ RIVESTIMENTO GOMMA**

**HADRI TANKS S.R.L.**  
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## Rivestimento Vs serbatoi stoccaggio.

5 messaggi

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Il rivestimento dei due Vs serbatoi di stoccaggio è stato da noi eseguito nel 1999 .

RIVESTIMENTO ANTICORROSIVO INTERNO REALIZZATO  
CON LASTRE PREVULCANIZZATE (METODO COLD SYSTEM)  
APPLICATO PRESSO IL VS. STABILIMENTO DI VASTO (CH) A:  
.  
NR. 2 SERBATOI DIA 12192X9140 MM.P.C. (CIRCA 600 MQ./CAD)  
MATERIALE: GOMMA NS. QUALITA' AKORROS F660/S SP. 4 MM.  
PREVULCANIZZATA, CON SOVRASPESSORE 4 MM. SUL FONDO E  
FASCIAME (H=1 MT).

Questo rivestimento è idoneo a contenere Soda Caustica, in soluzione fino al 50 % a temperatura fino a 50 °C.

Per ogni altra condizione di utilizzo che sia differente dall'Acido Fosforico (previsto in origine) o dalla Soda, Vi invitiamo ad interpellarci.

A livello di indicazione generale, si devono assolutamente evitare i prodotti organici (oli, solventi e simili) anche se contenuti in piccole percentuali nei prodotti che andrete a stoccare nei serbatoi.

Per ogni ulteriore informazione, siamo a Vs disposizione.

Cordiali saluti

## CHEMICAL RESISTANCE CHART

### SCOPE

Following materials selection table, concerning suitability of our Akorros® chemical resistant lining in rubber, hard rubber and synthetic elastomers, has been determined by extensive laboratory tests as well as actual field performance well over sixty years experience.

This table has been prepared to assist engineers in making a preliminary evaluation and initial selection of materials for many types of protective service.

Because of the complexity of most installation in protective service (exposure to contaminants and mechanical conditions not considered in the laboratory tests, chemical and thermal variations, impurities etc.) it is imperative that we must be consulted for specific recommendations before final selection and installation.

These general guidelines for the use of any of our Akorros® chemical resistant linings, do not constitute direct or implied guarantees of fitness for any particular use or purpose.

This table refers to Akorros® linings - chemical resistant only.

Please refer your problems to our laboratory for recommendation or study.

### RESISTANCE SYMBOLS

- = Resistance
- ◐ = Limited resistance
- ◑ = Non resistant
- No symbol = No data

### CLASSIFICATION OF RUBBERS USED IN AKORROS® LININGS (ASTM D 1418)

NR	=	Natural rubber
SBR	=	Styrene - Butadiene
CR	=	Chloroprene
CSM	=	Chloro - sulfonyl - polyethylene
EPDM	=	Ethylene - propylene - diene
IIR	=	Isobutene - isoprene
NBR	=	Nitrile butadiene

### AKORROS LINING TYPES

SOFT RUBBER :	A59, A147, A147/A, A192, C300 C365, D400, E580, F660/S, G710
HARD RUBBER :	B208, B208/A, B210, B210/NG, B221, B295
RUBBER/HARD-RUBBER/RUBBER :	X121, X323

Akorros® types which can be applied with "cold system" :

Akorros® types which can be cured by hot water.

A147, C300, C365 D400, E580, F660/S	soft rubber:
A59, A147, A147/A, C300, C365, D400, E580 B210, B210NG	hard rubber :

Akorros® types approved to food contact according to FDA standard : A147/A, B208/A

FLUIDS	Conc. %	Temp. °C	NR	NR	NR	SBR NR	SBR NR	SBR NR	SBR NR	CR	CR	CSM	EPDM	IR	NBR	X121	X323
			A59	A147 A147/A	A192	B208 B208/A B221	B210	B210NG	B296	C300	C366	D400	E680	F660/S	G710	X121	X323
Oxalic acid	25	60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Paraffin oil	sat.	80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Perchloric acid	sat.	70	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Perchloroethylene	sat.	20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Phenylsulfonic acid	33	20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Phosphoric acid, ortho	75	50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		95	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	85	50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Phthalic acid	10	80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		70	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Potash lye	50	70	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Potassium dichromate	5	50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Potassium carbonate	sat.	80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Potassium chloride	sat.	70	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
		90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Potassium ferrocyanide	25	70	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•