

MATERIAL PROPERTIES:

	STANDARD COVERING	LOW ACID COVERING
RESISTANCE TO FLAME	FLAME RETARDANT	FLAME RETARDANT
TOXICITY	HALOGEN CONTENT 25% +	HALOGEN CONTENT 15%
OXYGEN INDEX	27	30
MECHANICAL STRENGTH (BS 2782)	15.9 MPa. TENSILE ELONGATION AT BREAK 250%	11.2 MPa. TENSILE ELONGATION AT BREAK 250%
UV RESISTANCE (BS 6746 Appx B)	6 MRads	

CHEMICAL RESISTANCE:

THE DATA TABULATED BELOW SUMMARISES THE EFFECT OF A BROAD VARIETY OF FLUIDS.

RATING KEY
 G = GOOD
 L = LIMITED
 P = POOR

WE EMPHASISE THAT THE DATA CONTAINED HEREIN SHOULD BE USED AS A GUIDE ONLY. THE TABULATION IS BASED PRIMARILY ON LABORATORY TESTS BUT DOES NOT TAKE INTO ACCOUNT ALL THE VARIABLES THAT CAN BE ENCOUNTERED IN ACTUAL USE. THEREFORE IT IS ADVISABLE TO TEST THE MATERIAL UNDER ACTUAL SERVICE CONDITIONS BEFORE SPECIFICATION. IF THIS IS NOT PRACTICAL, TESTS SHOULD BE DEvised THAT SIMULATE SERVICE CONDITIONS AS CLOSELY AS POSSIBLE.

CHEMICAL	TEMPERATURE (°C)	
	20	60
ACETIC ACID (10%)	G	G
ACETIC ACID (25 - 85%)	L	P
ACETIC ACID, GLACIAL (100%)	P	P
ACETALDEHYDE (100%)	P	P
ACETONE (100%)	P	P
ALUM (saturated)	G	G
ALUMINIUM CHLORIDE	G	G
ALUMINIUM SULPHATE	G	G
AMMONIA (10%)	G	G
AMMONIA (28%)	L	L
AMMONIUM CHLORIDE (saturated)	G	G
AMMONIUM SULPHATE (saturated)	G	G
ANTIMONY TRICHLORIDE	G	G
BEER	G	-
BENZENE (100%)	P	P
BENZOIC ACID (saturated)	G	G
BLEACH (HYPOCHLORITE) (conc.)	L	L
BORAX (saturated)	G	G
BORIC ACID (saturated)	G	G
BRINES (saturated)	G	G
BROMIDE	G	G
BUTYL ALCOHOL (100%)	P	P
BUTYRIC ACID (100%)	P	P
CALCIUM CHLORIDE	G	G
CARBONIC ACID	G	G
CARBON TETRACHLORIDE (100%)	L	P
CHLORIDES OF SODIUM		
POTASSIUM & MANGANESE	G	G
CITRIC ACID (50%)	G	G
COPPER SALTS	G	G
COPPER SULPHATE (saturated)	G	G
CYCLOHEXAN	-	G

CHEMICAL	TEMPERATURE (°C)	
	20	60
DETERGENTS, SYNTHETIC	G	-
DEXTRIN (saturated)	G	G
DI-SODIUM PHOSPHATE (saturated)	G	G
EMULSIFIERS (concentrated)	G	G
ETHYL ALCOOL (96%)	P	P
ETHYLENE GLYCOL (100%)	L	L
FERRIC CHLORIDES	G	G
FERROUS SULPHATE	G	G
FORMALDEHYDE (37%)	L	L
FORMIC ACID (50%)	L	P
GLYCERINE (100%)	L	L
HYDROBROMIC ACID (50%)	G	G
HYDROCHLORIC ACID (10%)	G	G
HYDROCHLORIC ACID (37%)	L	L
HYDROFLUORIC ACID (40%)	G	-
HYDROGEN PEROXIDE (10%)	G	-
HYDROGEN PEROXIDE (30-90%)	G	-
HYDROGEN SULPHIDE	G	-
LEAD ACETATE	G	G
LUBRICATING OILS (NON AGGRESSIVE)	G	G
LUBRICATING OILS (100%)	L	L
MANGANATE, POTASSIUM	G	G
METHANOL	G	G
METHYL ALCOHOL (100%)	P	P
MILK & MILK PRODUCTS	G	-
MOLASSES	G	G



Technical Data Sheet

PVC COVERINGS (Including LOW ACID)

CHEMICAL	TEMPERATURE (°C)	
	20	60
NICKEL SALTS	G	G
NITRATES OF SODIUM		
POTASSIUM & AMMONIA	G	G
NITRIC ACID (30%)	G	L
NITRIC ACID (50%)	G	-
OXALYC ACID (saturated)	G	G
OZONE	G	-
PARAFFIN (100%)	G	-
PETROLEUM SPIRITS	G	G
PHOSPHORIC ACID (20%)	G	G
PHOSPHOROUS PENTOXIDE	G	-
PICRIC ACID	L	-
POTASSIUM DICHROMATE (saturated)	G	G
POTASSIUM HYDROXIDE (30%)	G	G
POTASSIUM HYDROXIDE (50%)	L	-
SEA WATER	G	G
SODIUM CARBONATE	G	-
SODIUM CHLORIDE	G	G
SODIUM HYPOCHLORITE (15%)	G	-
SODIUM PEROXIDE	G	G
SODIUM SILICATE	G	G
SODIUM SULPHATE	G	G
SODIUM SULPHIDE	G	G
STANNIC CHLORIDE	G	G
STARCH	G	G
SULPHATES OF SODIUM, CALCIUM,		
POTASSIUM & MANGANESE	G	G
SULPHITE, SODIUM	G	G
SULPHUR DIOXIDE, DRY	G	G
SULPHUR DIOXIDE, WET	G	G
SULPHUR DIOXIDE (96%)	G	G
SULPHURIC ACID (50%)	G	-
TALLOW	G	-
TANNIC ACID (10%)	G	-
TARTARIC ACID	G	-
TOLUENE (100%)	P	P
TRICHLOROETHYLENE (100%)	P	P
TURPENTINE (100%)	L	P
UREA (30%)	G	G
VINEGAR	G	-
WATER	G	G
WETTING AGENTS (to 50%)	G	G
YEAST	G	-
ZINC CHLORIDE	G	G