

LENZING JACKETING

WEATHER PROTECTION COVER FILM

PHYSICAL AND CHEMICAL STABILITY

Acids	Acetic acid (all concentrations)	resistant
	50% formic acid	resistant
	10% hydrochloric acid	resistant
	30% hydrochloric acid	partially resistant
	10% and 35% hydrofluoric acid	resistant
	10% nitric acid	resistant
	65% and 100% nitric acid	not resistant
	30% and 85% phosphoric acid	resistant
	20% sulphuric acid	partially resistant
	Sulphur dioxide gas, dry	resistant
80% and above sulphuric acid	not resistant	
Aldehydes	Acetaldehyde	resistant
	Formaldehyde	resistant
Alcohols	Benzyl alcohol	partially resistant
	Cyclohexanol	resistant
	Ethyl alcohol	resistant
	Glycerine	resistant
	Glycol	resistant
	Isopropyl alcohol	resistant
	Methyl alcohol	resistant
Aqueous alkaline solutions	Ammonium hydroxide	not resistant
	Calcium hydroxide	partially resistant
	Sodium hydroxide	not resistant
Chlorinated hydrocarbons	Carbon tetrachloride	partially resistant
	Chlorinated biphenyls	partially resistant
	Chloroform	resistant
	Trichloroethylene	resistant
Esters	Ethyl acetate	resistant
Hydrocarbons	Aliphatic hydrocarbons	resistant
	Benzene	resistant
	Gasoline (petrol)	resistant
	Mineral oils	resistant
	Toluene	resistant
	Xylene	resistant
Miscellaneous substances	Chlorine	resistant
	Hydrogen peroxide	resistant
	Oxygen	resistant
	Water*	resistant
Other organic solutions	Acetone	resistant
	Diethylether	resistant
	Nitrobenzene	not resistant
	Phenol	not resistant
Salt solutions	Alkaline carbonates	resistant
	Bichromates	resistant
	Cyanides	resistant
	Fluorides	resistant

At elevated temperatures (approx. > 100°C) and in the presence of water (vapor), the Lenzing Jacketing cover film tends to become brittle as a result of hydrolysis.