

ISOLPAK PVC

Technical data sheet

Special rigid PVC jacketing film for insulated piping.

Characteristics:

- This plastic sheet ensures a clean and dry installation.
- Its application is easy and fast due to the curl (recoil) effect.
- It is self-extinguishing and has considerable resistance to acids, alkalis, salts, oil, petrol, aliphatic hydrocarbons and corrosive atmospheres.
- The material cannot corrode and is virtually impermeable to water vapour.
- It is unaffected by fresh and salt water and is impervious to gases, grease and oil.

Specification:

The chemical characteristics of ISOLPAK PVC are matched by equally good physical characteristics: high longitudinal and lateral tear resistance, high elasticity and shock resistance.

ISOLPAK PVC is very light: one square metre, 0.350mm thick, weighs only about 500g. This low weight and ease of stacking facilitates transportation and storage.

Physiologically harmless, ISOLPAK PVC has a light grey smooth surface which guarantees a long lasting elegant appearance. It requires no care or maintenance and also has very good antistatic characteristics.

The thermal conductivity λ of ISOLPAK PVC is 0.16 W/mK.



Technical data:

Property	Norm	unit	Value
Thickness		my	280, 300, 350
Breaking load	DIN 53 455	N/mm ²	30 – 35 long.
		N/mm ²	25 – 30 horiz.
Tensile strength	DIN 53 455	N/mm ²	40 – 45 long.
		N/mm ²	34 – 40 horiz.
Elongation at break		%	150 – 200 long.
		%	100 – 150 horiz.
Withdrawal value		%	2,5 – 3 long.
		%	0,0 – 0,5 horiz.
Thermostability		°C	-20 to +60
Softening point (VICAT)	DIN 53 460	°C	74 (+/-1)
Density		g/ccm	1,38 (+/-0,01)
Recoil/Curl effect		mm	85 (+/-10%)
Reaction to fire	DIN 4102	B2 [CH: 5.2] [ITA: Classe 1]	
Standard size		mm x m	1000 x 25
Resistance to humidity	DIN 52615	μ	Ca. 60000

Our products are the result of fundamental research. They correspond to the latest technical standard. For their useful application we give data and technical information to the best of our knowledge but, however, without any warranty. In special cases the user shall make his own tests to determine the suitability of the products for his purpose.