

ISOLPAK PVC DESIGN

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.

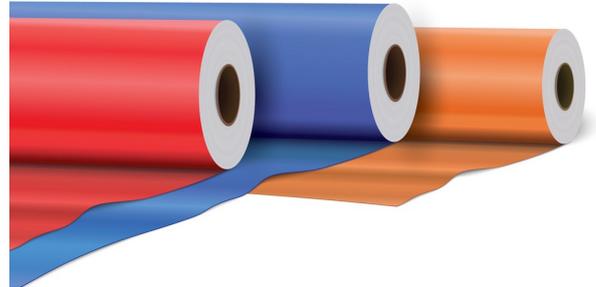
Specification:

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

ISOLPAK PVC DESIGN is very light: one square metre, 0.250mm thick, weighs only about 400g. This low weight and ease of stacking facilitates transportation and storage.

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

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



Technical data:

Property	Norm	unit	Value
Thickness		my	250
Roll foil width		m	0,6m, 1 m, 1,20 m
Impact strenght	DIN EN ISO 8256	kJ/m ²	≥400
Tensile strength	DIN EN ISO 527	N/mm ²	>35
Elongation at break		%	150
Elasticity modulus	DIN EN ISO 527	N/mm ²	Ca. 1800
Linear heat expansion coefficient	Leitz Dilatometr o	0,9 x 10 ⁻⁴ (-4) 1/K	
Emissivity	ISO 10292-A	%	97
Temperature resistance		°C	-20 to +60
Moisture resistance factor 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.