

ISOGENOPAK

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.

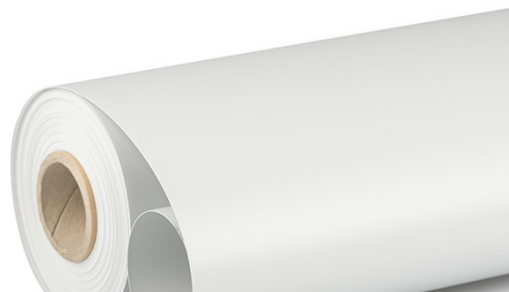
Specificazione:

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

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

Physiologically harmless, isogenopak 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 2, of ISOGENOPAK is 0.16 W/mK.



Technical data:

Property	Norm	unit	Value*
Thickness		my	280, 300, 350
Resistance to humidity	DIN 52615	μ	Ca. 60000
Impact resistance	DIN EN ISO 8256	kJ/m ²	>= 400
Tensile strength*	DIN EN ISO 527	N/mm ²	> 35
Elongation at *break		%	Ca. 150
Elasticity module	DIN EN ISO 527	N/mm ²	Ca. 1800
Expansion Coefficient	LEITZ-Dilatometro	1/K	0,9 x 10 ⁻⁴
Emissivity ε	ISO 10292-A	%	97
Recoil/Curl effect		mm	85 (+/-10%)
Reaction to fire	DIN 4102	B2 [CH: 5.2] [ITA: Classe 1]	
Thermostability		°C	-20 a +65

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.