

K-FLEX PVC

PRODUCT DESCRIPTION

Rigid PVC jacketing film for insulation is a special rigid PVC film devoted to modern and aesthetic jacketing of insulated pipes. They are applicable for quick and easy covering of insulated pipes placed indoor protected against direct sunlight. Due to its rolling effect it is an easily useable material for rapid covering. In this application one of the most important requirements is to be resistant to damaging environmental effects.

CHARACTERISTICS

- The PVC film is self-extinguishing by its nature. Depending on customer requirements we produce normal and low inflammable types of this film.
- Acid-, alkali-, salt solution-, fat-, oil-, bacterium- and fungus-resistance.
- Excellent physical features, such as flexibility and elasticity.
- Resistance to temperature changes. Stability between 20 °C and 70 °C in internal use.
- No special care or maintenance required due to antistatic components.
- Colour: according to the requirements of our customers (light grey).
- Surface: smooth with dull finish on one side.

TECHNICAL DATA

Density	1,36-1,38 g/cm ³
Thickness	0,25-0,5 mm
Thickness tolerance	± 0,02 mm
Width	700-1400 mm
Width tolerance	± 2 mm
Tensile strength	min. 40 N/mm ² (DIN 53 455)
Breaking strength	min. 25 N/mm ² (DIN 53 455)
Young modulus	ca. 2000 N/mm ² (DIN 53 455)
Elongation at break	20-40 % (DIN 53 455)
Charpy impact banding strength at	17 KJ/m ² 23 °C-on (DIN 53 453)
Vicat softening point	75°C (DIN 53 460)
Shore D rigidity	78 Sho (DIN 53 505)

The specification of our product will be conforming to the new EC standard of PVC jacketing film for insulation.

APPROVALS

These products conform to all relevant requirements of the building industry as approved by the 'Deutsches Institut für Bautechnik' (German National Board of Building Industry). Also, a number of successful test results have been achieved in many West-European countries according to their own requirements