Mounting Instructions

Precurled **Isogenopak**® jacketing film is supplied in rolls of 15 to 35 m in length with 1000 mm as the most common width. The **Isogenopak**® system is completed by a large variety of premoulded bends, T-sections, caps and cuffs.

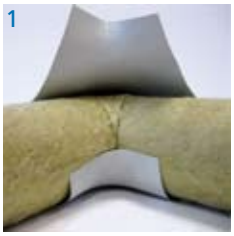
First the insulant must be attached to the pipe without gaps. When using mineral wool sections, loose fill wool can be used to cover the bends and other shapes. The insulant has to be affixed to the pipe consistently.

To attach the **Isogenopak**® jacketing we advise to start with the moulded pieces, e.g. bends (1) and T-sections (2).

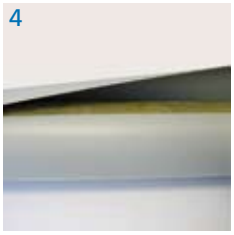
For straight sections **Isogenopak**® is cut from the roll according to the circumference to be cladded. Allow an extra 20-30 mm for overlapping. A guide rail for the cutter (3) has proven its worth.

Because the precurling **Isogenopak**® clings around the insulated pipe (4) almost by itself. Just little additional adjustment is required. The circumferential seams should overlap by about 20-30 mm as well.

Isogenopak® is fixed along the longitudinal seams either by using plastic push-in rivets in distances of about 150 mm (5) or special solvent-based adhesive continuously along the seams (6).



Fitting of a premoulded bend



Fitting of Isogenopak® to a straight section

T-section

Closing longitudinal seams with plastic push-in rivets

Cutting of Isogenopak® with a guide rail

Longitudinal seam closed with special solvent-based adhesive

Technichal Data

Characteristic	Value	Unit	Measuring Method
Impact strength	≥ 400	kJ/m²	DIN EN ISO 8256
Tensile strength	> 35	N/mm²	DIN EN ISO 527
Elasticity modulus	app. 1800	N/mm²	DIN EN ISO 527
Moisture resistance factor μ	ca. 60 000	--	DIN 52615
Linear heat expansion coeffizient	0.9 x 10^{-4}	1/K	Leitz-Dilatometer
Emissivity ε	97	%	ISO 10292 A
Isogenopak® meets the requirements of DIN EN 15701			