

ThermaPur

Thermal insulation

Technical insulation system made of open-pored semi-rigid polyurethane foam in the form of tubes and elbows

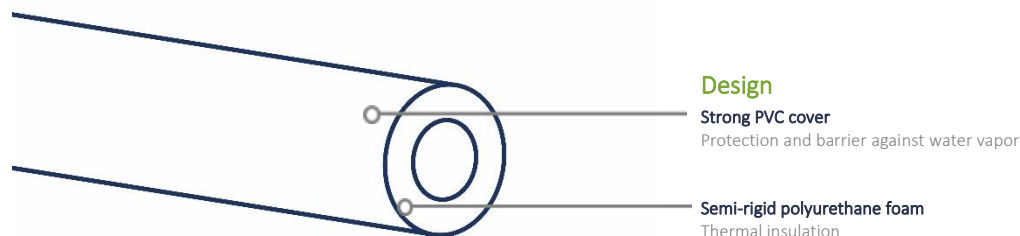


Benefits

- Temperature Resistance to microbes and insects, as well as rot and decay
- Dimensional stability and accuracy of fit thanks to the automatic closure
- Protection against condensation and corrosion
- 100% HCFC and HFC free

Applications

- Heating and plumbing lines in domestic installations





Technical Properties

Properties	Units SI	Values	Testing method
Physical properties			
Dimensional tolerance	mm	Deviation from the nominal thickness: ± 2	EN 13467
Density ¹	kg/m ³	ThermaPur 035: 25-41 ¹ ThermaPur 040: 20-41 ¹	EN 13470
Structure	-	internal 0.1 mm paper lamination open-cell PUR foam Outer cover layer made of PVC film	-
Thermal properties			
Max. service temperature	°C	+110	-
Thermal conductivity coefficient (λ)	W/m·K	ThermaPur 035: 0,036 @ 40°C ² ThermaPur 040: 0,040 @ 40°C ²	EN ISO 8497
Fire properties			
SBI classification	-	E _L	EN 13501-1
Building material class	-	B2 ³	DIN 4102-1

¹ without adhesive seal or cover layers, only for insulating bodies

² calculated value

³ for nominal thicknesses of 20-50 mm when used on metal pipes and on at least normally flammable plastic pipes or multi-layer composite pipes;
for nominal thicknesses > 50 mm only when used on metallic pipes

Availability

- Standard length 1m in carton (100x39x59 cm)

ThermaPur 035		
Product code	Pipe outer Ø max. [mm]	Insulation thickness [mm]
3093-020015-942	15	20
3093-020018-942	18	20
3093-020023-942	22	20
3093-020028-942	28	20
3093-030028-942	28	30
3093-030036-942	35	30
3093-040044-942	42	39
3093-040050-942	48	41
3093-050062-942	60	53

ThermaPur 040		
Product code	Pipe outer Ø max. [mm]	Insulation thickness [mm]
3093-020015-962	15	20
3093-020018-962	18	20
3093-020023-962	22	20
3093-020028-962	28	20
3093-020036-962	35	20
3093-025044-962	42	26
3093-025050-962	48	26
3093-030062-962	60	32

- Elbows made of melamine resin foam



ThermaPur Elbows					
Product code	Pipe outer Ø max. [mm]	Insulation thickness [mm]	Product code	Pipe outer Ø max. [mm]	Insulation thickness [mm]
3593-020015-243	15	20	3593-025042-243	42	25
3593-020018-243	18	20	3593-040042-243	42	40
3593-020022-243	22	20	3593-025048-243	48	25
3593-020028-243	28	20	3593-040048-243	48	40
3593-030028-243	28	30	3593-030060-243	60	30
3593-020035-243	35	20	3593-050060-243	60	50
3593-030035-243	35	30			