

Pur Insulation H

Thermal insulation

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

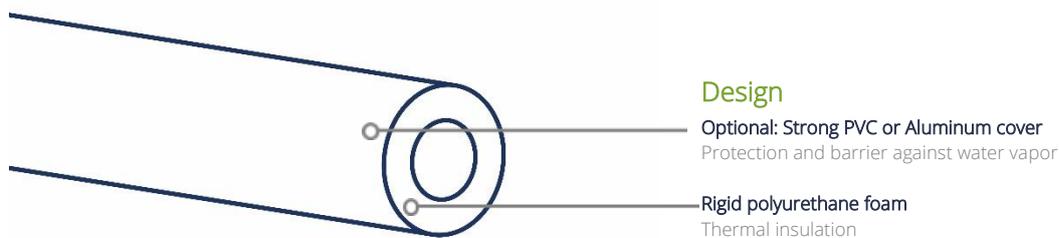


Benefits

- Service temperature up to 140°C
- 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
- 3 choices of protection depending on your needs: only hard foam, PVC cover or Aluminum cover

Applications

- Heating and plumbing lines in domestic installations



Disclaimer

All recommendations and information provided on this data sheet are based on our knowledge and experience. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied or that any use of the products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.



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	~50	EN 13470
Structure	-	internal 0,1 mm paper lamination open-cell PUR foam Optional outer cover layer made of PVC film or Aluminum	-
Thermal properties			
Max. service temperature	°C	+140	-
Thermal conductivity coefficient (λ)	W/m·K	0,030 @ 40°C	EN ISO 8497
Fire properties			
SBI classification	-	E _L	EN 13501-1
Building material class	-	B2 ²	DIN 4102-1

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

² 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 packaged as individual halves
- DN 50, 60, 80, 100, 125 (carton box 60.2x60.2x101.6 cm)
- DN 150, 200, 250 (carton box 40.2x90.2x101.6 cm)
- Other sizes packaged in foil

ThermaPur H			Avialbe on request	
Pipe outer Ø max. [mm]	Insulation thickness [mm]	Hard foam	PVC cover	Auminium cover
50	50	3093-050050-900	3093-050050-920	3093-050050-910
65	55	3093-055065-900	3093-055065-920	3093-055065-910
80	60	3093-060080-900	3093-060080-920	3093-060080-910
100	40	3093-040100-900	3093-040100-920	3093-040100-910
100	60	3093-060100-900	3093-060100-920	3093-060100-910
100	100	3093-100100-900	3093-100100-920	3093-100100-910
125	40	3093-040125-900	3093-040125-920	3093-040125-910
125	50	3093-050125-900	3093-050125-920	3093-050125-910
125	75	3093-075125-900	3093-075125-920	3093-075125-910
150	45	3093-045150-900	3093-045150-920	3093-045150-910
150	80	3093-080150-900	3093-080150-920	3093-080150-910
200	50	3093-050200-900	3093-050200-920	3093-050200-910
200	87	3093-087200-900	3093-087200-920	3093-087200-910
250	60	3093-060250-900	3093-060250-920	3093-060250-910
300	60	3093-060300-900	3093-060300-920	3093-060300-910
300	80	3093-080300-900	3093-080300-920	3093-080300-910
300	100	3093-100300-900	3093-100300-920	3093-100300-910
350	60	3093-060350-900	3093-060350-920	3093-060350-910
400	60	3093-060400-900	3093-060400-920	3093-060400-910
450	60	3093-060450-900	3093-060450-920	3093-060450-910
500	60	3093-060500-900	3093-060500-920	3093-060500-910
600	80	3093-080600-900	3093-080600-920	3093-080600-910
600	90	3093-090600-900	3093-090600-920	3093-090600-910
600	100	3093-100600-900	3093-100600-920	3093-100600-910
600	120	3093-120600-900	3093-120600-920	3093-120600-910

- Elbows made of melamine resin foam



ThermaPur Elbows		
Product code	Pipe outer Ø max. [mm]	Insulation thickness [mm]
3593-040100-223	100	40
3593-040125-223	125	40
3593-045150-223	150	45
3593-050200-223	200	50
3593-060250-223	250	60