

ThermaPur

Thermal insulation

Technical insulation system made of soft polyurethane foam in a PVC sleeve with a self-adhesive closure tab in the form of tubes and elbows.

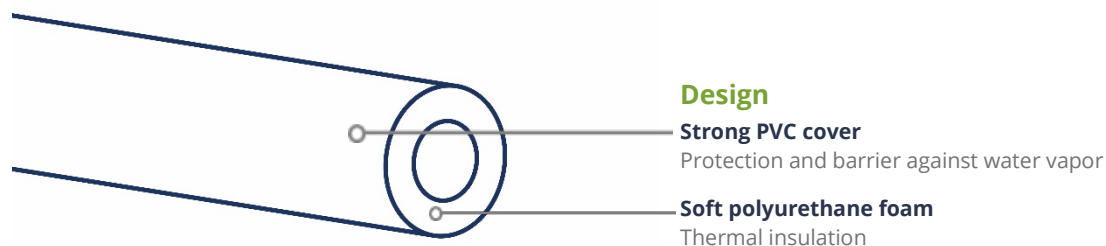


Benefits

- 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.



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	Value	Testing method
Reaction to fire Euroclass Characteristics	Reaction to fire: EL	PN-EN 13501-1 + A:2010
Dimensions:		
(a) linear dimensions (dimensional tolerance)		
- length, mm	1000 ± 3	PN-EN 13467:2018-02
- thickness, mm	± 2	
- internal diameter, mm	-0/+2	
(b) linearity, mm/m		
	≤ 6	
Traces of water-soluble ions:		
- mg/kg	≤ 670.0	PN-EN 13468:2004
- pH value	7.0 ± 1	
Maximum application temperature, °C	130	PN-EN 14707:2013-07
Thermal conductivity coefficient at 40°C, W/mK	0.036	PN-EN ISO 8497:1999 PN-EN ISO 13878:2005
Closed cell content, %	10 ± 1	PN-EN ISO 4590:2016-07
Compressive strength in radial direction (at 10% relative strain), kPa	≥ 7	PN-EN 826:2013-07

Availability

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

ThermaPur 035					
ID [mm]	Insulation thickness [mm]				
	20	25	30	40	50
15	3093-020015-940	-	-	-	-
18	3093-020018-940	3093-025018-940	3093-030018-940	-	-
23	3093-020023-940	3093-025023-940	3093-030023-940	3093-040023-940	-
28	3093-020028-940	3093-025028-940	3093-030028-940	3093-040028-940	-
36	3093-020036-940	3093-025036-940	3093-030036-940	3093-040036-940	3093-050036-940
44	3093-020044-940	3093-025044-940	3093-030044-940	3093-040044-940	3093-050044-940
50	3093-020050-940	3093-025050-940	3093-030050-940	3093-040050-940	3093-050050-940
54	3093-020054-940	3093-025054-940	3093-030054-940	3093-040054-940	3093-050054-940
62	3093-020062-940	3093-025062-940	3093-030062-940	3093-040062-940	3093-050062-940
78	3093-020078-940	3093-025078-940	3093-030078-940	3093-040078-940	3093-050078-940
90	3093-020090-940	3093-025090-940	3093-030090-940	3093-040090-940	-
108	3093-020108-940	3093-025108-940	3093-030108-940	-	-
114	3093-020114-940	3093-025114-940	-	-	-

- 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	-	-	-