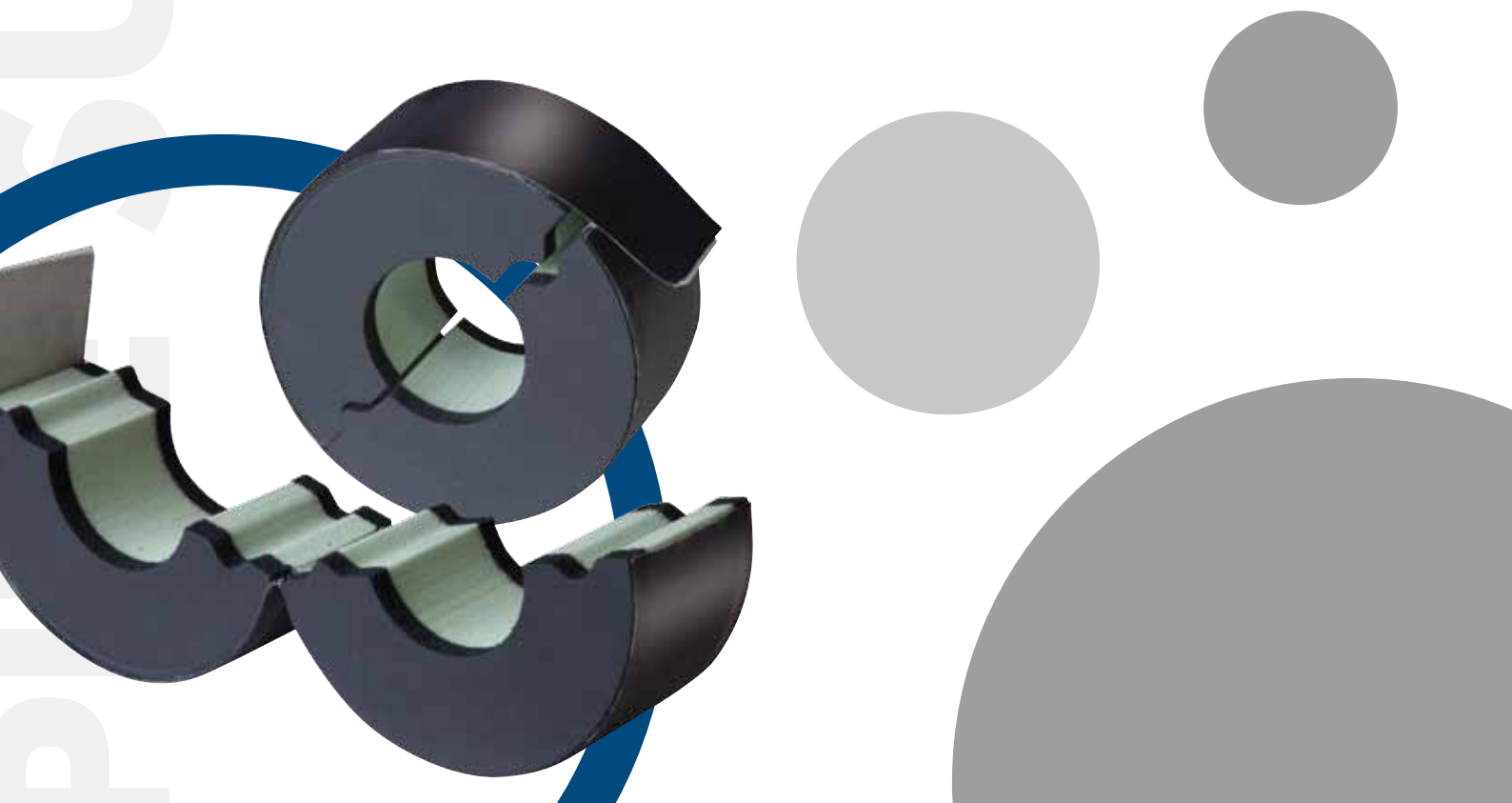


EUROBATEX® PIPE SUPPORTS

EUROBATEX pipe supports are composite products made of polyurethane foam (PIR) coupled with flexible elastomeric foam (FEF), with a black PVC coating.

These are the ideal solution for insulating shear connectors of piping, creating a barrier against condensation and safeguarding the properties of the insulation material.



EUROBATEX® PIPE SUPPORTS

TYPE OF MATERIAL:	Expanded polyurethane foam (PIR) coupled with flexible elastomeric foam (FEF) with an external PVC coating
PRODUCT RANGE:	Pipe supports with thicknesses from 13 mm to 32 mm and diameters from 17 mm to 168 mm, length 50 mm
FIELDS OF APPLICATION:	Mechanical protection, condensation control and to safeguard the properties of the insulation material on piping in general
STORAGE CONDITIONS/SHELF LIFE:	Store the material in a dry and clean environments at a temperature between 0 °C and 35 °C and a RH between 50% and 70%. Do not expose the material to heat or direct sunlight when stored. The products should not be kept in storage for more than one year

CHARACTERISTICS OF THE POLYURETHANE INSULATION MATERIAL

PHYSICAL PROPERTIES	RESULT OBTAINED					TEST METHOD
DENSITY	60 - 80 kg/m ³ *					ISO 845
OPERATING TEMPERATURE RANGE	- 180 °C + 120 °C					
THERMAL CONDUCTIVITY	At a mean temperature of +10 °C		λ 0,036 ≤ W/m-K			ASTM C 518
WATER VAPOUR TRANSMISSION	60 kg/m ³		30 (+/-10) g/m ² - 24 h			ISO 1663
	80 kg/m ³		25 (+/-10) g/m ² - 24 h			
WATER ABSORPTION	5%					ISO 2896
COMPRESSION RESISTANCE	Parallel	60 kg/m ³	kPa 670 (+/-80)	80 kg/m ³	kPa 970 (+/-120)	ISO 844
	Perpendicular	60 kg/m ³	kPa 440 (+/-120)	80 kg/m ³	kPa 670 (+/-150)	
TENSILE STRENGTH	Parallel	60 kg/m ³	kPa 860 (+/-90)	80 kg/m ³	kPa 1280 (+/-160)	ASTM D 1623
	Perpendicular	60 kg/m ³	kPa 710 (+/-130)	80 kg/m ³	kPa 1000 (+/-220)	
SHEAR STRENGTH	60 kg/m ³		kPa 350 (+/-60)			ASTM C 273
	80 kg/m ³		kPa 550 (+/-60)			
DIMENSION STABILITY Length - Width - Thickness	At - 25 °C x 48 h		+0,5%			ISO 2796
	At + 100 °C x 48 h		+1,0%			

*NB: PIR density of 60 kg/m³ for pipe supports up to a diameter of 35 mm.

PIR density of 80 kg/m³ for pipe supports with diameters from 42 mm to 219 mm.

The characteristics of the flexible elastomeric foam (FEF) are specified in the technical data sheet EUROBATEX n°01.

All the normatives quoted in this document are updated to the latest issued version.

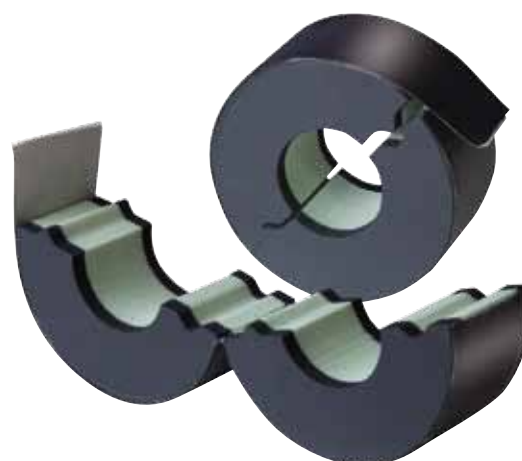
Union Foam S.p.A. reserves the right to modify any information at any time without prior notice.

EUROBATEX® PIPE SUPPORTS

Supports with black PVC coating

Thickness 13 mm	Thickness 19 mm	Thickness 25 mm	Thickness 32 mm
Piping ø mm	Piping ø mm	Piping ø mm	Piping ø mm
18	18	18	18
22	22	22	22
28	28	28	28
35	35	35	35
42	42	42	42
48	48	48	48
54	54	54	54
60	60	60	60
64	64	64	64
67	67	67	67
70	70	70	70
76	76	76	76
80	80	80	80
89	89	89	89
102	102	102	102
108	108	108	108
114	114	114	114
125	125	125	125
133	133	133	133
140	140	140	140
160	160	160	160
168	168	168	168

Different sizes can be produced on request.



Union Foam S.p.A.
 via dell'Industria 11
 20882 Bellusco (MB) Italy
 tel. +39.039.62089.1
sales@unionfoam.it
www.unionfoam.it

EUROBATEX® HF PIPE SUPPORTS

EUROBATEX HF pipe supports are HALOGEN FREE composite products made of polyurethane foam (PIR) coupled with flexible elastomeric foam (FEF) and aluminium protective covering. These are the ideal solution for insulating shear connectors of piping, creating a barrier against condensation and safeguarding the properties of the insulation material.



EUROBATEX® HF PIPE SUPPORTS

TYPE OF MATERIAL:	Expanded polyurethane foam (PIR) coupled with flexible elastomeric foam (FEF) in halogen-free version, with an external aluminium coating
PRODUCT RANGE:	Pipe supports with thickness from 9 to 32 mm and diameters from 17 to 168 mm, lenght 50 mm
FIELDS OF APPLICATION:	Mechanical protection, condensation control and to safeguard the properties of the insulation material on piping in general
ADDITIONAL INFORMATION:	Certified for shipyards, in compliance with the Fire protection requirements of Marine Equipment Directive (MED) 2014/90/EU and of the Implementing Regulation (EU) 2018/773
STORAGE CONDITIONS/SHELF LIFE:	Store the material in a dry and clean environments at a temperature between 0 °C and 35 °C and a RH between 50% and 70%. Do not expose the material to heat or direct sunlight when stored. The products should not be kept in storage for more than one year

CHARACTERISTICS OF THE POLYURETHANE INSULATION MATERIAL

PHYSICAL PROPERTIES	RESULT OBTAINED		TEST METHOD
DENSITY	63 kg/m ³		EN ISO 845 / EN 1602 ASTM D1622
OPERATING TEMPERATURE RANGE	- 180 °C + 120 °C		EN 14707 / EN 14706
THERMAL CONDUCTIVITY	At a mean temperature of +10 °C	$\lambda \leq 0,031 \text{ W/m}\cdot\text{K}$	EN 12667 / ASTM C518 ASTM C177
WATER VAPOUR TRANSMISSION	1,25 ± 0,41 g/m ² ·h		EN 12086 / ASTM E96
WATER ABSORPTION	< 2,5%		ISO 2896 / EN 12087 ASTM D2842
PERCENTAGE OF CLOSED CELLS	> 95%		EN ISO 4590 / ASTM D6226
COMPRESSION RESISTANCE	Parallel	0,6 ± 0,06 mPa	EN 826 / ASTM D1621
	Perpendicular	0,44 ± 0,1 mPa	
TENSILE STRENGTH	Parallel	0,83 ± 0,1 mPa	EN 1607 / ASTM D 1623-A
	Perpendicular	0,68 ± 0,13 mPa	
SHEAR STRENGTH	Perpendicular	0,34 ± 0,06 mPa	EN 12090 / ASTM C 273

The characteristics of the flexible elastomeric foam (FEF) are specified in the technical data sheets EUROBATEX HF n° 02. All the normatives quoted in this document are updated to the latest issued version. Union Foam S.p.A. reserves the right to modify any information at any time without prior notice.

EUROBATEX® HF PIPE SUPPORTS

Halogen Free supports with aluminium covering

Thickness 13 mm	Thickness 19 mm	Thickness 25 mm	Thickness 32 mm
Piping ø mm	Piping ø mm	Piping ø mm	Piping ø mm
18	18	18	18
22	22	22	22
28	28	28	28
35	35	35	35
42	42	42	42
48	48	48	48
54	54	54	54
60	60	60	60
64	64	64	64
67	67	67	67
70	70	70	70
76	76	76	76
80	80	80	80
89	89	89	89
102	102	102	102
108	108	108	108
114	114	114	114
125	125	125	125
133	133	133	133
140	140	140	140
160	160	160	160
168	168	168	168

Different sizes can be produced on request.



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