45° Ventilation bend made of 43 mm thick EPP

EPP-43-BPF-45

Description

Ventilation bends 45° made from expanded polypropylene (EPP). Bends are produced in diameters 125, 160 and 200mm. The standard wall thickness is 43mm (black colour). The connection method eliminates thermal bridges, no additional couplings are required.
To create a 90° bend two 45° beds can be connected together.

Two 45° bends
connect easily
into one 90°

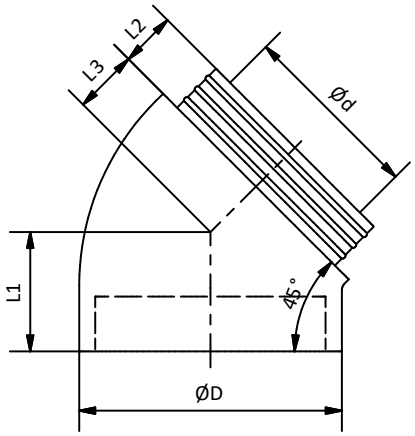
Thermal conductivity: 0.038 W / m*K
Airtightness class: ATC2 (D)
acc. to PN-EN 17192:2019-01

Available materials:
EPP-43-BPF-….- EPP (expanded polypropylene)

Example of marking:
Product code: **EPP-43-BPF - 125 - 45**

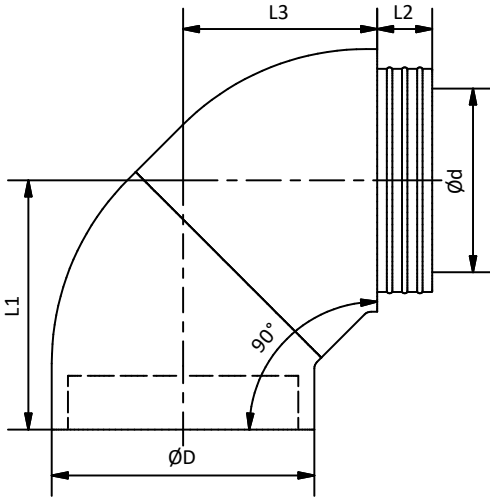
type
diameter Ød
angle

Dimensions



Product code	Ød [mm]	ØD [mm]	L_1 [mm]	L_2 [mm]	L_3 [mm]
EPP-43-BPF-125-45	125	211	114	60	54
EPP-43-BPF-160-45	160	246	122	60	62
EPP-43-BPF-200-45	200	286	130	60	70

Bend 90° consisting of two bends 45°- EPP-43-BPF-45



Product code	Ød [mm]	ØD [mm]	L_1 [mm]	L_2 [mm]	L_3 [mm]
2xEPP-43-BPF-125-45	125	211	232	60	173
2xEPP-43-BPF-160-45	160	246	252	60	192
2xEPP-43-BPF-200-45	200	286	272	60	212

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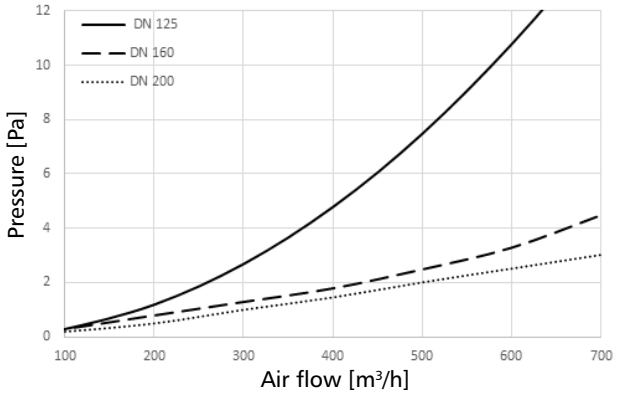
Technical data

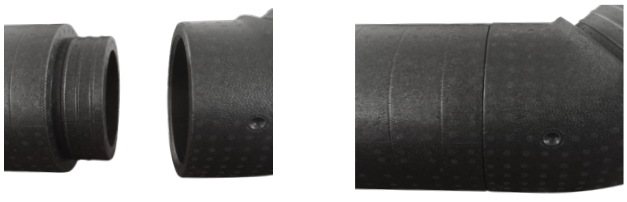
Pressure loss drops of EPP-43-BPF bends of different diameters



Technical data according to PN-EN 17192 43 mm

Air tightness	ATC2 (D) ≤ 200 Pa	
Service temperature	-25°C do +80°C	PN-EN 17192:2019
Reaction to fire	E	EN 13501-1
Resistance	No deformation at 3% deflection and 291 N load	
Thermal conductivity	λ = 0,038 W/(m·k)	PN-EN 12664:2002
Thermal resistance	U = 1,131 m²K/W	PN-EN 12664:2002
Microbial resistance	1a	Method A PN-EN ISO 846:2019

Assembly method



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