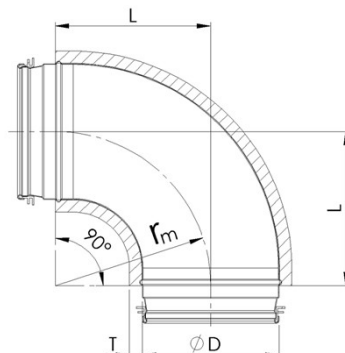


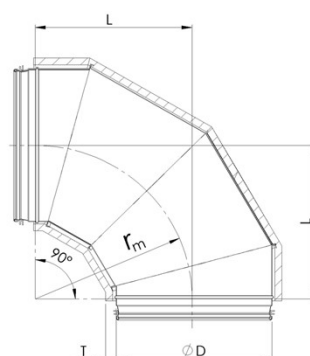
Pre-insulated bends, with gaskets IF-BFS90°



Extruded



Segmented



Description

Insulated air duct bends for ventilation, conditioning and recuperation applications. The insulation provides excellent sound insulation, heat insulation and protects against condensation. Factory-applied insulation significantly reduces on-site assembly time

Technical data

Construction	Pressed or segmented bend, made of galvanized steel or other metal Covered with flexible elastomeric foam (FEF) insulation Seals are made of EPDM rubber
Connection	Male-Male type end connection
Installation	Screws, rivets
Colors	Black

Technical specifications

Essential characteristics	Performance properties	Testing standards
Thermal conductivity coefficient (for all thicknesses)	-10°C- 0,034 W/(m*K) 0°C- 0,036 W/(m*K) 25°C- 0,037 W/(m*K) 40°C- 0,041 W/(m*K)	EN 12667
Reaction to fire	B- s3, d0	EN 13501-1
Operating temperature	-40°C ... 85°C	

Product type

Insulation thickness T [mm]	IFxx-BFS90-yyy
Bend diameter	ØD _{nom}

Dimensions

Type	ØD _{nom} [mm]	r _m [mm]	L [mm]	T [mm]	m [kg]
IF09-BFS90-100*	100	100	100	9	0,35
IF09-BFS90-125*	125	125	125	9	0,52
IF09-BFS90-160	160	160	160	9	0,90
IF09-BFS90-200	200	200	200	9	1,32
IF19-BFS90-100*	100	100	100	19	0,42
IF19-BFS90-125*	125	125	125	19	0,60
IF19-BFS90-160	160	160	160	19	1,04
IF19-BFS90-200	200	200	200	19	1,52
IF25-BFS90-100*	100	100	100	25	0,46
IF25-BFS90-125*	125	125	125	25	0,66
IF25-BFS90-160	160	160	160	25	1,13
IF25-BFS90-200	200	200	200	25	1,63

**Extruded*

When making a special order, bends are available in other sizes