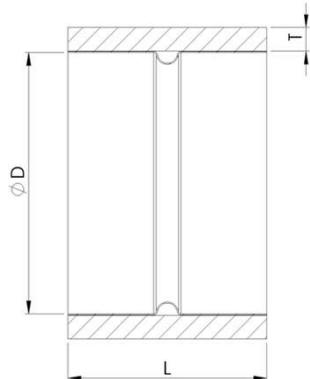


Pre-insulated couplings for joining fittings IF-NF



Description

Insulated coupling joints for metal fittings designed for ventilation, conditioning and recuperation purposes. The insulation provides excellent sound insulation, heat insulation and protects against condensation. Factory-applied insulation significantly reduces on-site assembly time

Technical data

Construction	Coupling, made of galvanized steel or other metal Covered with flexible elastomeric foam (FEF) insulation
Connection	Female-Female 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

IFxx-NFyy
—
Insulation thickness T [mm] —
Coupling diameter ϕD_{nom} —

Dimensions

Type	$\varnothing D_{\text{nom}}$ [mm]	L [mm]	T [mm]	m [kg]
IF09-NF100	100	76	9	0,12
IF09-NF125	125	76	9	0,15
IF09-NF160	160	76	9	0,19
IF09-NF200	200	76	9	0,24
IF19-NF100	100	76	19	0,15
IF19-NF125	125	76	19	0,18
IF19-NF160	160	76	19	0,22
IF19-NF200	200	76	19	0,28
IF25-NF100	100	76	25	0,16
IF25-NF125	125	76	25	0,20
IF25-NF160	160	76	25	0,25
IF25-NF200	200	76	25	0,31

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