fitt əgix[®]



ø75 ənd ø90 insuləted round semi-rigid pipe

INSULATED SEMI-RIGID ROUND TUBE Ø75 AND Ø90





Insulation thickness 6mm

Insulation thickness 10mm

Code	Outside diame- ter, excluding insulation (mm)	Inner diameter (mm)	External insulation thickness* (mm)	Length of supply rolls (m)	Flow rate (m³/h) at the speed of 2 m/s ∆p _{cont.} 1 Pa/ml	Flow rate (m³/h) at the speed of 3 m/s Δp _{cont.} 1÷2 Pa/ml	Flow rate (m ³ /h) at the speed of 4 m/s $\overline{\Delta p_{cont}}$ 2÷4 Pa/ml
VMLAI101875AG	10	(recommended Ø90)					
VMLAI61890AG	90	76	6	25	32	48	(64)
VMLAI101890AG			10				(recommended splitting pipes)

*Features of external insulation (thickness of 6mm):

- Material: chemically cross-linked polyolefin foam (specifically, of "polyethylene"),
- Density: 30 kg/m3 ,
- Operating temperature: -40 / +95 °C,
- Thermal conductivity: = 0.039 W/m*K,
- CFC-free and free of odor expansion gas,
- Resistant to water vapor diffusion, chemicals, mold, pests, ozone, UV.

*Features of external insulation (10 mm thickness):

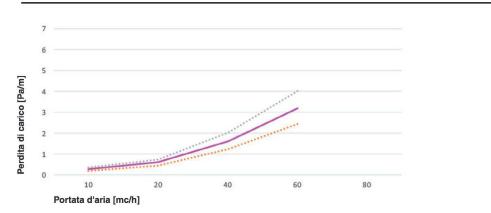
- Material: elastomeric foam,
- Reaction to fire: Euroclass D-s3 d0 ,
- Operating temperature: -40 / +85 °C,
- Thermal conductivity at 40°C: = 0.037 W/m*K,
- · Reporting of hazardous substances for indoor environments: European test methods are under development,
- Water vapor permeability: $\mu \ge 10000$.

Above are the technical characteristics of pipe insulation alone. For technical characteristics referring to Ø75 and Ø90 semi-rigid pipes and also for accessories closely related to the pipes see the related data sheet.

Description	Suitable for		
	Suitable for		
Sealing ring for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75		
Sealing ring for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED PIPE Ø90		
Anti-unraveling ring for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75		
Anti-unraveling ring for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED PIPE Ø90		
Anti-slip fastening clip for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75		
Anti-slip fastening clip for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75		
Hose clips with safety spring	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75		
Hose clips with safety spring	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75		
Hose clips with safety spring	FITT AGIX SEMI-RIGID ROUND INSULATED PIPE Ø90		
Hose clips with safety spring	FITT AGIX SEMI-RIGID ROUND INSULATED PIPE Ø90		
Cap for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75		
Cap for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED PIPE Ø90		
	Sealing ring for round tube Anti-unraveling ring for round tube Anti-unraveling ring for round tube Anti-slip fastening clip for round tube Anti-slip fastening clip for round tube Hose clips with safety spring Cap for round tube		

FLOW RATE-LOAD LOSS CHART Ø75

FLOW RATE-LOAD LOSS CHART Ø90





tubo dritto 7 curva 90° 6 curva 180° 5 Perdita di carico [Pa/m] 4 3 2 1 0 10 20 40 60 80



Portata d'aria [mc/h]

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