

# Ø75 and Ø90 insulated round semi-rigid pipe

## INSULATED SEMI-RIGID ROUND TUBE Ø75 AND Ø90



Insulation thickness 6mm



Insulation thickness 10mm

Code	Outside diameter, 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	Flow rate (m³/h) at the speed of 3 m/s	Flow rate (m³/h) at the speed of 4 m/s
					$\Delta p_{cont.} 1 \text{ Pa/ml}$	$\Delta p_{cont.} 1 \div 2 \text{ Pa/ml}$	$\Delta p_{cont.} 2 \div 4 \text{ Pa/ml}$
VMLAI61875AG	75	63	6	25	22	34	(46)
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/m<sup>3</sup>,
- 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):

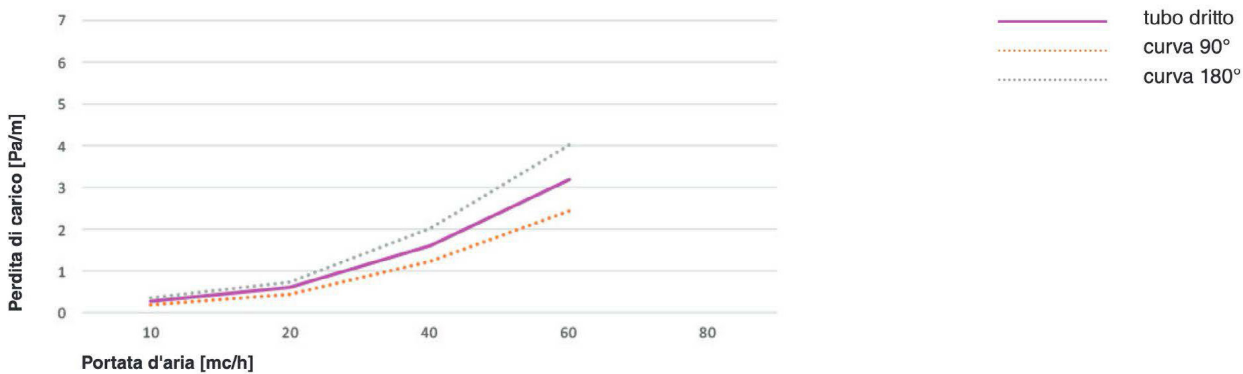
- Material: elastomeric foam,
- Reaction to fire: Euroclass D-s3 d0 ,
- Operating temperature: -40 / +85 °C,
- Thermal conductivity at 40°C: = 0.037 W/m\*K,
- Reporting of hazardous substances for indoor environments: European test methods are under development,
- Water vapor permeability:  $\mu \geq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

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.

## ACCESSORIES

Code	Description	Suitable for
VMAT186375AP	Sealing ring for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75
VMAT187590AP	Sealing ring for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED PIPE Ø90
VMCFA186375	Anti-unraveling ring for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75
VMCFA187590	Anti-unraveling ring for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED PIPE Ø90
VMCF186375	Anti-slip fastening clip for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75
VMCF187590	Anti-slip fastening clip for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75
VMCLIP-75BL	Hose clips with safety spring	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75
VMCLIP-75NR	Hose clips with safety spring	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75
VMCLIP-90BL	Hose clips with safety spring	FITT AGIX SEMI-RIGID ROUND INSULATED PIPE Ø90
VMCLIP-90NR	Hose clips with safety spring	FITT AGIX SEMI-RIGID ROUND INSULATED PIPE Ø90
VMTDB75AG	Cap for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED TUBE Ø75
VMTDB90AG	Cap for round tube	FITT AGIX SEMI-RIGID ROUND INSULATED PIPE Ø90

## FLOW RATE-LOAD LOSS CHART Ø75



## FLOW RATE-LOAD LOSS CHART Ø90

