

# Ø75 and Ø90 insulated round semi-rigid pipe

## INSULATED ROUND SEMI-RIGID PIPE Ø75 AND Ø90



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) (recommended Ø90)
VMLAI101875AG			10				
VMLAI61890AG	90	76	6	25	32	48	(64) (recommended splitting pipes)
VMLAI101890AG			10				

### \*Features of external insulation (6 mm thickness).

- **Material:** chemically cross-linked polyolefin foam (specifically, of "polyethylene"),
- **Density:** 30 kg/m<sup>3</sup>,
- **Operating temperature:** -40 / +95 °C,
- **Thermal conductivity:**  $\lambda = 0.039 \text{ W/m}^{\circ}\text{K}$ ,
- **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:**  $\lambda = 0.037 \text{ W/m}^{\circ}\text{K}$ ,
- **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.

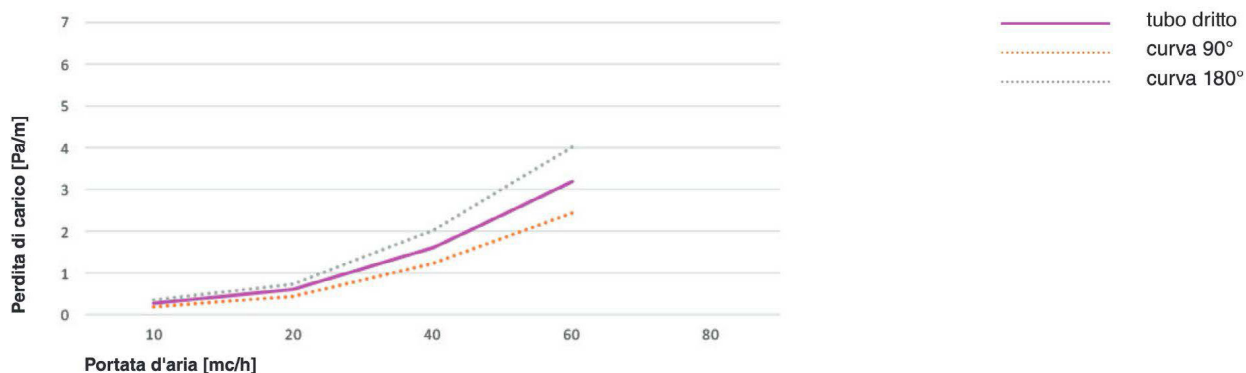
For technical characteristics referring to **Ø75 and Ø90 semi-rigid pipes** (not insulated) and also for accessories closely related to the pipes see [the related data sheet](#).

## ACCESSORIES

Code	Description	Suitable for
VMAT186375AP	Sealing ring (gasket) *	FITT AGIX INSULATED ROUND SEMI-RIGID PIPE Ø75
VMAT187590AP	Sealing ring (gasket) *	FITT AGIX INSULATED ROUND SEMI-RIGID PIPE Ø90
VMCFA75	Anti-pull out ring	FITT AGIX INSULATED ROUND SEMI-RIGID PIPE Ø75
VMCFA90	Anti-pull out ring	FITT AGIX INSULATED ROUND SEMI-RIGID PIPE Ø90
VMCLIP-75BL	Hose clips with safety spring	FITT AGIX INSULATED ROUND SEMI-RIGID PIPE Ø75
VMCLIP-75NR	Hose clips with safety spring	FITT AGIX INSULATED ROUND SEMI-RIGID PIPE Ø75
VMCLIP-90BL	Hose clips with safety spring	FITT AGIX INSULATED ROUND SEMI-RIGID PIPE Ø90
VMCLIP-90NR	Hose clips with safety spring	FITT AGIX INSULATED ROUND SEMI-RIGID PIPE Ø90
VMTDB75AG	Cap	FITT AGIX INSULATED ROUND SEMI-RIGID PIPE Ø75
VMTDB90AG	Cap	FITT AGIX INSULATED ROUND SEMI-RIGID PIPE Ø90

\* NOTE. The sealing ring (gasket) is just included in all the FITT Agix products with at least one "GREY" collar. The gasket is placed inside the "GREY" collar and must be installed on the pipe, on site. -> [See relevant data sheet for "GREY" collars](#)

## FLOW RATE-LOAD LOSS CHART FOR Ø75



## FLOW RATE-LOAD LOSS CHART FOR Ø90

