

Semi-rigid tube Ø75 AND Ø90 series VMLA18

FITT AGIX SEMI-RIGID PIPE Ø75 AND Ø90 (NOT INSULATED)



TECHNICAL SPECIFICATIONS

		VMLA187550AG	VMLA189050AG
Pipe outer diameter	mm	75	90
Inner diameter	mm	63	76
Roll length	m	50	50
Material	-	HDPE 100% food grade	HDPE 100% food grade
Inner layer	-	antibacterial antifungal	antibacterial antifungal
		antistatic	antistatic
Internal ripple	-	<5%	<5%
Weight	kg/m	0,25	0,34
Crush resistance*	N	>450	>450
Crush resistance**	N	>250	>250
Ring stiffness***	SN	>8	>8
Storage temperature	°C	-30° / +60°	-30° / +60°
Laying temperature	°C	-5° / +60°	-5° / +60°
Radius of curvature	mm	225	270

*method IEC EN 61386-24

**method EN 17192

***ISO 9969tube method

Ø75 PIPE QUICK SIZING TABLE

Code	Outer diameter (mm)	Indoor area (m ²)	Speed (m/s) with flow rate 25 m ³ /h	Speed (m/s) with flow rate 30 m ³ /h	Speed (m/s) with flow rate 35 m ³ /h	Speed (m/s) with flow rate 40 m ³ /h
<i>Continuous pressure drop:</i>			<i>2 Pa/ml</i>	<i>3 Pa/ml</i>	<i>4 Pa/ml</i>	<i>6 Pa/ml</i>
VMLA187550AG	75	0,00312	2,2	2,7	3,2	3,7

Ø90 PIPE QUICK SIZING TABLE

Code	Outer diameter (mm)	Indoor area (m ²)	Speed (m/s) with flow rate 40 m ³ /h	Speed (m/s) with flow rate 45 m ³ /h	Speed (m/s) with flow rate 50 m ³ /h	Speed (m/s) with flow rate 55 m ³ /h
<i>Continuous pressure drop:</i>			<i>2 Pa/ml</i>	<i>2 Pa/ml</i>	<i>3 Pa/ml</i>	<i>4 Pa/ml</i>
VMLA189050AG	90	0,00442	2,5	2,8	3,1	3,4

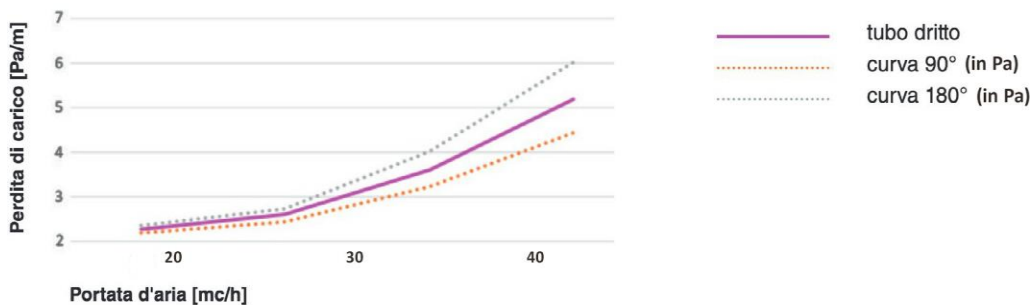
LOCALIZED PIPE PRESSURE DROP AT A PIPE BEND, 90°, WITH R=225MM AND R=270MM

Code	Radius of curvature (mm)	Localized pressure drop (Pa) with flow rate 25 m ³ /h	Localized pressure drop (Pa) with flow rate 35 m ³ /h	Localized pressure drop (Pa) with flow rate 45 m ³ /h	Localized pressure drop (Pa) with flow rate 55 m ³ /h
VMLA187550AG	225	1,1	1,5	/	/
VMLA189050AG	270	0,7	0,9	1,2	1,8

ACCESSORIES

Code	Description	Suitable for
COLL75-7035	Collar "Grey"	FITT AGIX SEMI-RIGID ROUND TUBE Ø75
COLL90-7035	Collar "Grey"	FITT AGIX SEMI-RIGID ROUND TUBE Ø90
VMGI1875-AG	Joint-sleeve for round tube (pkg. of 10 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø75
VMGI1890-AG	Joint-sleeve for round tube (pkg. of 10 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø90
VMCUTAG-7590	Cutter for semi-rigid round tubes	FITT AGIX SEMI-RIGID ROUND TUBE Ø75 - Ø90
VMCUT75	Cutter support cutter for round semi-rigid pipes - excluding cutter -.	FITT AGIX SEMI-RIGID ROUND TUBE Ø75
VMCUT90	Cutter support cutter for round semi-rigid pipes - excluding cutter -.	FITT AGIX SEMI-RIGID ROUND TUBE Ø90
VMAT186375AP	Sealing rings (pkg. of 10 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø75
VMAT187590AP	Sealing rings (pkg. of 10 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø90
VMCFA186375	Anti-fraying rings (pkg. of 10 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø75
VMCFA187590	Anti-fraying rings (pkg. of 10 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø90
VMCLIP-75BL	Hose clips with safety spring blue (pack. of 50 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø75
VMCLIP-75NR	Black spring-loaded hose clips (pkg. of 50 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø75
VMCLIP-90BL	Hose clips with safety spring blue (pack. of 40 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø90
VMCLIP-90NR	Black spring-loaded hose clips (pkg. of 40 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø90
VMTDB75AG	Caps for round tube (pkg. of 10 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø75
VMTDB90AG	Caps for round tube (pkg. of 10 pcs.)	FITT AGIX SEMI-RIGID ROUND TUBE Ø90

FLOW RATE-LOAD LOSS CHART Ø75



FLOW RATE-LOAD LOSS CHART Ø90

