

MT-GAS multilayer pipe



The multilayer pipe
for gas applications

Applications:
Indoor gas installations

Special properties

- easier to bend, lower weight and faster to install than conventional materials
- high form stability and reduced assembly work
- installations with minimised deployment of fittings which reduces sensitive installation points and costs
- high product and processing safety through uniform layer structure as well as equal calculable properties for the entire pipe circumference (each individual layer is checked)
- diffusion-tight against odorants and methane
- abrasion-resistant due to PE-X coating

Technical data »MT-GAS multilayer pipes«

Description of material: PE-Xc · Al · PE-X

Pipe dimensions in mm	16 x 2 (16 x 2,25)	20 x 2 (20 x 2,5)	26 x 3	32 x 3	40 x 3,5
Outer diameter, nominal size in mm	16	20	26	32	40
Wall thickness, nominal size in mm	2	2,5	3	3	3,5
Internal diameter, nominal size in mm	12	15	20	26	33
Bend radius, freely bend	$\geq 5 \times D$	$\geq 5 \times D$	$\geq 5 \times D$	$\geq 5 \times D$	$[\geq 5 \times D]$
Bend radius, with bending tools	$\geq 1,5 \times D^*$	$\geq 3,5 \times D$	$\geq 3,5 \times D$	$\geq 3,5 \times D$	$\geq 3,5 \times D$
Pipe weight in g/m	125	185	285	393	605
Internal volume in dm ³ /m	0,113	0,177	0,314	0,531	0,855
Expansion coefficient in mm/m · K	0,024	0,024	0,024	0,024	0,024
Surface roughness (inner pipe) in μm	1,5	1,5	1,5	1,5	1,5
*using special bending tools All values are guide values; additional pipe dimensions on request.					



Stable – even in bends.

