

Product specifications

APE MULTYGAS (PE-xB/Al/PE-xB) pipe, for plant UNI 7129 compliant. This pipe consists of a double inner and outer layer of crosslinked polyethylene PE-xB (silane method - B) bound by a special adhesive to a longitudinally welded (TIG butt welded) intermediate aluminium alloy layer. This structure is highly shapeable, provides a complete barrier to oxygen, ensures total hygiene and high corrosion resistance since fluids come in contact only with the inner PE-xB layer.

Maximum peak temperature: 70°C. Max pressure: MOP 0,5. Oxygen permeability: 0 mg/l. Roughness: 7 µm. KIWA certified and UNI 11344 compliant.



Dimensional characteristics coil

Codes	UOM code	9MN021620 100GF	9MN032020 100GF	9MN042630 50GF	9MN453230 50GF
Outer diameter	mm	16	20	26	32
Inner diameter	mm	12	16	20	26
Weight	g/m	94	143	265	343
Thickness of aluminium	mm	0.2	0.3	0.4	0.45
Total thickness	mm	2	2	3	3
Roll length	m	100	100	50	50

Technical Specifications

Internal roughness	µm	7
Coefficient of expansion	mm/m °C	0.026
Degree of crosslinking	%	> 65%
Oxygen permeability	mg/l	0
Colour		Yellow

Technical specifications

Type		PE-xB/Al/PE-xB Multilayer pipe
Field of application		domestic gas distribution
Fluid		gas of VI and VII species (methane and gpl)
Max peak temperature	°C	70
Minimum operating temperature	°C	-20
Maximum operating pressure		MOP 0,5
Storage		Avoid prolonged exposure to direct sunlight
Minimum bend radius		5 times the diameter

Compliance

- KIWA certificate – KIP-063803
- UNI EN ISO 21003
- UNI 11344