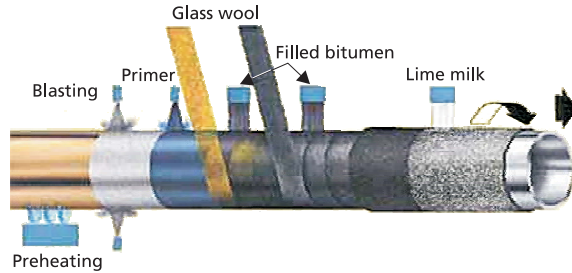


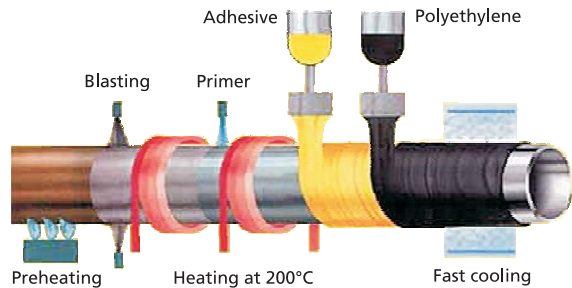
## PIPELINE COATINGS

### a) Bituminous coating according to UNI 5256



Class I	Class II (*)	Class III (*)	Class IV (*)
Min. 3 mm	Min. 3 mm	Min. 4 mm	Min. 6 mm

### b) PE 3 layers coating according to UNI 9099/DIN 30670



Nominal Diameter		Finished coating thickness (mm)		
From	To	Normal	Reinforced (n)	Special (v)
	100	1,2	1,8	2,5
>100	250	1,5	2,0	2,5
>250	500	2,0	2,2	3,0
>500	800	-	2,5	3,5
>800	100	-	3,0	3,5

### c) Cold Wrapping Altene System according to EN 10190/EN 12068 overlap 50% minimum

- Primer code: P16/P19/P27

Components: bitumen, rubber and adhesive resins

- Inner tape thickness: 0.508 to 0.762 mm; black colour

Components: blend of stabilized polyolefine/polyethylene - butyl rubber - adhesive resins

- Outer tape thickness: 0.508 to 0.762 mm; white colour

Components: blend of stabilized polyolefine/ polyethylene - butyl rubber- adhesive resins

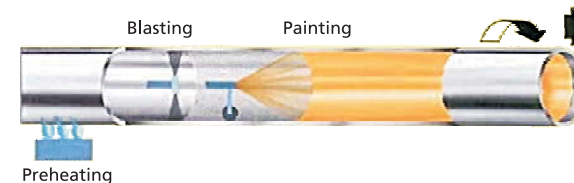
- Final thickness: from 2,0 mm to 3,0 mm

### d) Polyurethane coating according to EN 10290

Class	Thickness (µmm)
A	Up to 1000
B	Up to 1500
On customer demand	Above 1500*

(\*) to be applied with more than 1 layer

## PIPELINE LININGS



Epoxy paint for gas pipe line	Dft 50 - 100 µmm
Epoxy paint solvent free for potable water according to D.M. 174/04	Dft 100 - 350 µmm
Bitumen primer according to UNI 5256 CL A	Dft 50 µmm