

EN 10288

EXTERNAL TWO-LAYER POLYETHYLENE COATING

Coating thickness:

Composition of the coating	Tube nominal outside diameter, mm	Coating thickness class, mm, at least		
		1	2	3
Two-layer polyethylene coating	Up to 114.3 inclusive	1.5	1.8	2.5
	From 114 to 273 inclusive	1.8	2.0	2.7
	From 273 to 508 inclusive	2.0	2.2	2.9
	From 508 to 762 inclusive	2.2	2.5	3.2

Coating type:

Type 1 – at service temperatures up to plus 60 °C;

Type 2 – at service temperatures up to plus 30 °C;

Acceptance testing of pipes with coating:

- external appearance of coating check;
- length measuring of bare ends;
- taper angle measuring coating to the pipe's body;
- dielectric coating integrity testing;
- thickness of coating testing;
- strength test of coating with the impact up to (20 ± 5) °C;
- peel force control at temperatures of plus (23 ± 2) °C and plus (60 ± 2) °C.

