Wavin Comfia
PE-RT pipe

For all floor constructions

wavin

orbia

Product information

Wavin PE-RT pipe is manufactured in a special PE (Polyethylene) material. The tube consists of five layers with an internal oxygen barrier that is situated in the centre of the pipe wall. The location of the barrier means that this is well protected against physical damage, providing longer service life.

Technical data

Material	PE Polyethylene (PE-RT)
Colour	Milk white / Red
Dimensions	20 x 2.0mm, 16 x 2.0mm, 12 x 1.4mm
Maximum temperature (constant operation)	70 ˚C
Maximum temperature (brief operation)	95 ˚C
Maximum operating pressure	6 bar
Layers	5 (PE-RT – Adhesive – EVOH – Adhesive – PE-RT)
Oxygen barrier	Internal in accordance with DIN 4726
Produced in accordance with	ISO 21003
Thermal conductivity	0.35 W/m K
Thermal expansion coefficient	0.18 mm/m ˚C
Minimum bending radius	5 x outside diameter (e.g. 16mm pipe, 5 x 16 = 80mm)

Coil sizes - 20mm x 2.0mm	600m *White*				
Catalogue code	20CS600				

Coil sizes - 16mm x 2.0mm	120m *White*	240m *White*	480m *White*	600m *White*	600m *Red*
Catalogue code	16CS913	16CS925	16CS962	16CS961	16CS920

Coil sizes - 12mm x 1.4mm	100m *White*	200m *White*	600m *White*		
Catalogue code	12CS910	12CS920	12CS960		

Storage	The pipes should be stored dry and not in direct sunlight
UV resistance	After laying, the pipes can be exposed in the sunlight for up to 30 days, without this affecting durability and expected lifetime.