



Data Sheet

hpg FLEXOLEN® (PE-RT Type 0)

Properties

PE-RT Type	0
Available colours	white
Areas of application	Heating / concrete core activation
Max. operation temperature acc. ISO 10508 Class 4 (°C)	70
Max. operation pressure acc. ISO 10508 Class 4 (bar)	6
Certificates	KIWA KOMO SKZ
Thermal conductivity (W/mK)	0,4
Linear expansion coefficient (mm/mK)	0,195
Surface roughness (inside pipe) (mm)	0,007
Max. bending radius	<18mm 5 x pipe OD ≥18mm 8 x pipe OD
Oxygen barrier acc. DIN 4726 [mg/(m ² .d)] 40 °C (class 4)	<0,32

size	outer diameter (mm)	wall thickness (mm)	max. ring range (m)	vol. per diameter (L/m)	weight / meter
10 x 1,2	10 + 0,3	1,3 + 0,3	1000	0,043	0,035
12 x 2,0	12 + 0,3	2,0 + 0,3	1000	0,050	0,063
14 x 2,0	14 + 0,3	2,0 + 0,3	1000	0,079	0,077
16 x 2,0	16 + 0,3	2,0 + 0,3	600	0,113	0,090
17 x 2,0	17 + 0,3	2,0 + 0,3	600	0,133	0,095
18 x 2,0	18 + 0,3	2,0 + 0,3	600	0,154	0,102
20 x 2,0	20 + 0,3	2,0 + 0,3	600	0,201	0,116

Norms:

ISO: 10508:2006 21003-2:2008-11

DIN: 16833:2009-09
4726:2008-10

Certificates:

KIWA KOMO K23905/06
SKZ A398
CE/ETA 16/0033 V.2

