

Data Sheet

hpg <MIDI> inverse®

Properties

PE-RT Type	I, II
Available colours	customizable
Areas of application	Heating / cooling
Max. operation temperature acc. ISO 10508 Class 4 / 5 (°C)	70 / 90
Max. operation pressure acc. ISO 10508 Class 4 / 5 (bar)	6
Thermal conductivity (W/mK)	0,4
Linear expansion coefficient (mm/mK)	0,195
Surface roughness (inside pipe) (mm)	0,007
Max. bending radius (OD)	<18mm 5 x pipe ≥18mm 8 x pipe
Oxygen barrier acc. DIN 4726 [mg/(m ² .d)] 40 °C (class 4)	<0,32
Certificates	SKZ, DINCERTCO, CE ETA, KIWA/KOMO

size	outer diameter (mm)	wall thickness (mm)	max. ring range (m)	vol. per diameter (L/m)	weight / meter
8 x 1,0	8 + 0,3	1,0 + 0,3	on request	0,028	0,021
10 x 1,3	10 + 0,3	1,3 + 0,3	1000	0,043	0,037
12 x 1,3	12 + 0,3	1,3 + 0,3	1000	0,069	0,042
14 x 2,0	14 + 0,3	2,0 + 0,3	1000	0,079	0,076
15 x 2,0	15 + 0,3	2,0 + 0,3	on request	0,095	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	0,096
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	0,115

Norms:

ISO: 10508:2006 21003-2:2008-11 24033:2009 22391

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

Certificates:

SKZ A666
DIN CERTCO 3V394
CE/ETA 16/003 V.2
KIWA KOMO K84463

Pipe construction

