

Technical datasheet for:

**speed•pipe® -ground 7x1.5**



### General data

Item	speedpipe-ground 7x1.5	
Description	speedpipe-ground for the direct bury	
Production length on spool (700x370mm)	1250m	
Weight	approx. 0.030 kg/m	
Total weight	approx. 50 kg (including spool)	
Min. bending radius (according to DIN EN 61386-24)	guided bending: R = 65mm free bending: R = 10 x speedpipe-outer diameter	
Transport and storage temperatures	-40 to +70	°C
Laying or assembly temperature	-10 to +50	°C
Operating temperature	-40 to +70	°C
	Temperature at which the full functionality of the installed or laid components is given	
UV resistance (DIN EN ISO 4892-1)	3 years (south-european climate)	

For installation follow the installation instruction and the laying instruction!

### Technical data

Quality	Value	Unit
<b>Material</b>		
Material	PolyEthylen PE-HD, regenerate- and recycle-free	
MFI (according to DIN 8075)	max. 30	%
Homogeneity	free from inclusions < 0.02	mm <sup>2</sup>
Internal pressure creep rupture test (DIN 16874)	Sigma 4.0 for 170h at 80°C	N/mm <sup>2</sup>
Fire behavior (DIN EN 13501-1)	E	
<b>speedpipe-ground 7x1.5</b>		
Dimension	D = 7.0 <sup>+0,1</sup> ; s = 1.5 <sup>+0,1</sup>	mm
Colour of stripes	orange opposite transparent windows	
Pressure nominal	PN 16	
Inner surface	32 optimized sliding ribs	
Burst pressure	min. 60	bar at 20°C
Max. recommended tensile strength	250	N at 20°C
Tensile strength at break	450	N at 20°C
Apex pressure (according to DIN EN 61386-24)	2500	N at 20°C

**gabocom is certified by the quality system following DIN EN ISO 9001, the environmental management system DIN EN ISO 14001 and the energy management system DIN EN 50001.**

**The used materials meet the Reach default (EU regulation 1907/2006) and the RoHS default (EU guidelines 2011/65).**

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