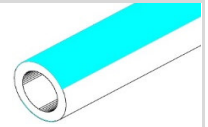


Technical datasheet for:

**speed•pipe<sup>®</sup>-ground 16x2.0**



### General data

<b>Item</b>	speedpipe-ground 16x2.0	
<b>Description</b>	speedpipe-ground for the direct bury	
<b>Production length on spool (1200x370mm)</b>	1200m	
<b>Weight</b>	approx. 0.084 kg/m	
<b>Total weight</b>	approx. 130 kg (including spool)	
<b>Min. bending radius<sup>1</sup> (according to DIN EN 61386-24)</b>	guided bending: R = 120mm free bending: R = 10 x speedpipe-outer diameter	
<b>Transport and storage temperatures</b>	-40 to +70	°C
<b>Laying or assembly temperature</b>	-10 to +50	°C
	-40 to +70	°C
<b>Operating temperature</b>	Temperature at which the full functionality of the installed or laid components is given	
<b>UV resistance (DIN EN ISO 4892-1)</b>	3 years (south-european climate)	
<b>For installation follow the installation instruction and the laying instruction!</b>		

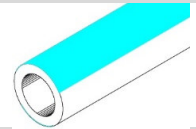
### Technical data

Quality	Value	Unit
<b>Material</b>		
<b>Material</b>	PolyEthylen PE-HD, regenerate- and recycle-free	
<b>MFI (according to DIN 8075)</b>	max. 30	%
<b>Homogeneity</b>	free from inclusions < 0.02	mm <sup>2</sup>
<b>Internal pressure creep rupture test (DIN 16874)</b>	Sigma 4.0 for 170h at 80°C	N/mm <sup>2</sup>
<b>Fire behavior (DIN EN 13501-1)</b>	E	

<sup>1</sup> The specified minimum bending radii refer exclusively to the mechanical properties of the speedpipe. Smaller guided bending radii are possible for specially designed fittings (house entries). In this case, the guidance must be designed in such a way that excessive ovalization of the speedpipe is avoided! For blowing in cables, the larger the bending radii, the better the subsequent blowing-in results.

Technical datasheet for:

**speed•pipe®-ground 16x2.0**



**speedpipe-ground 16x2.0**

<b>Dimension</b>	D = 16.0 <sup>+0,15</sup> ; s = 2.0 <sup>+0,1</sup>	mm
<b>Colour of stripes</b>	turquoise opposite transparent windows	
<b>Pressure nominal</b>	PN 10	
<b>Inner surface</b>	70 optimized sliding ribs	
<b>Burst pressure</b>	min. 45	bar at 20°C
<b>Max. recommended tensile strength</b>	900	N at 20°C
<b>Tensile strength at break</b>	1400	N at 20°C
<b>Resistance to impact (DIN EN 61386-24)</b>	classification code L	
<b>Resistance to compression (DIN EN 61386-24)</b>	classification code 750 <i>note: according DIN EN 61386-24 is intended to be directly buried underground without additional precautions.</i>	
<b>Apex pressure (according to DIN EN 61386-24)</b>	1700	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)**

gabo Systemtechnik GmbH  
Am Schaidweg 7  
94559 Niederwinkling  
GERMANY

Tel. +49 9962 950-200  
Fax +49 9962 950-202  
info@gabocom.com  
www.gabocom.com

Editor: CBR  
Release: MK  
Date: 07.06.2022  
Edition: 7

No responsibility is taken for the currency and completeness of details and information. This document can be revised and supplemented without prior notice. Liability for damages is excluded.

© 2022 gabo Systemtechnik GmbH, all rights reserved