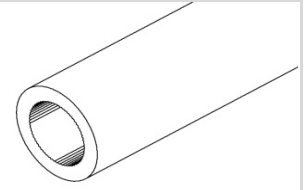


Technical datasheet for:

**speed•pipe<sup>®</sup>-indoor 10x1.0** **CE**  
**◁VDE-REG.-Nr. 8747▷**



### General data

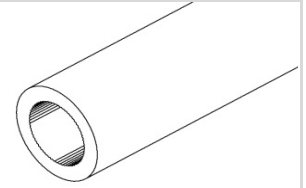
<b>Item</b>	speedpipe-indoor 10x1.0 (non-flame propagating)	
<b>Description</b>	speedpipe-indoor for the application inside buildings, drains or tunnels	
<b>Weight</b>	approx. 0.030 kg/m	
<b>Production length</b>	<b>Spool</b>	<b>Total weight</b>
500m	700x370mm	approx. 28 kg (incl. spool)
2500m	1200x370mm	approx. 103 kg (incl. spool)
<b>Min. bending radius (according to DIN EN 61386-22)</b>	R = 10x speedpipe outer diameter <b>Bending radiuses reduce the blowing in length</b>	

### Technical data

Quality	Value	Unit
<b>Material</b>		
<b>Material</b>	PolyEthylen PE, flame retardant	
<b>MFI (according to DIN 8075)</b>	max. 30	%
<b>Homogeneity</b>	free from inclusions < 0.02	mm <sup>2</sup>
<b>Halogenfree (DIN EN 60684-2)</b>	< 0.02	%
<b>speedpipe-indoor 10x1.0</b>		
<b>Dimension</b>	D = 10.0 <sup>+0,1</sup> ; s = 1.0 <sup>+0,1</sup>	mm
<b>Colour</b>	nature (white)	
<b>Pressure nominal</b>	PN 10	
<b>Inner surface</b>	63 optimized sliding ribs	
<b>Burst pressure</b>	min. 20	bar at 20°C
<b>Max. recommended tensile strength</b>	200	N at 20°C
<b>Tensile strenght at break</b>	400	N at 20°C
<b>Fire behavior (DIN EN 13501-1)</b>	D s3 d2	
<b>Fire test (DIN EN 60332-1-2)</b>	passed	

Technical datasheet for:

**speed•pipe<sup>®</sup>-indoor 10x1.0 CE**  
**◁VDE-REG.-Nr. 8747▷**



### Classification

Classification code

DIN EN 61386-22  
(VDE 0605 Teil 22)

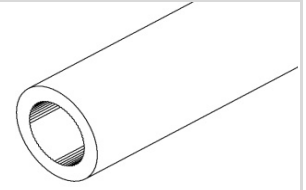
2-2-2-2-3-2-0-0-0-1-0

### Use according to DIN VDE 0100-520:2013-06 / IEC 60364-5-52:2009-10

		allowed	not allowed
<b>Installation outdoors</b>	Unprotected installation		x
	Unprotected installation (on plaster)	x	
<b>Installation in the building</b>	Underground installation (screed)		x
	Laid in concrete		x
	Laid in hollow wall / wood (flammable materials)	x	
	Laid in plaster	x	
	Laid in structural cavities	x	
	Laid in suspended ceilings	x	
	Ceiling installation (installation distance < 0.80m)	x	

Technical datasheet for:

**speed•pipe<sup>®</sup>-indoor 10x1.0 CE**  
**◁VDE-REG.-Nr. 8747▷**



### CE - Declaration of Conformity

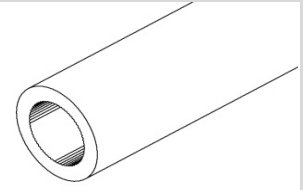
<b>1.0 Product Type:</b>	speed•pipe-indoor (Microduct)
<b>1.1 Article Number:</b>	1687 & 1688
<b>1.2 Usage:</b>	LWL Protection tube for laying in the house
<b>2.0 Trade Name:</b>	speed•pipe-indoor / Dimension 10 x 1.0 mm
<b>2.1 Manufacturer:</b>	gabo Systemtechnik GmbH, Am Schaidweg 7, 94559 Niederwinkling
<b>3.0 Statement by the Manufacturer:</b>	The issuance of this declaration of conformity takes place in own responsibility.
<b>4.0 Subject:</b>	The traceability is ensured by the caption of the speed•pipe-indoor (Microduct).

**5.0 The Testing Institute VDE Offenbach (EU-ID-Nr. 0366) has a Certified Nr.: 40039546 with production control exposed, the above article was tested add to lean on with DIN EN 61386-22 (VDE 0605 Teil 22). The relevant EU harmonization requirements are fulfilled**

Technical datasheet for:

**speed•pipe<sup>®</sup>-indoor 10x1.0 CE**

**◁VDE-REG.-Nr. 8747▷**



#### 6.0 Harmonised Standards

Main features	Classification	Technical Specification
Pressure load	Class 2	DIN EN 61386 VDE 0605 Teil 22
Impact strength	Class 2	DIN EN 61386 VDE 0605 Teil 22
Minimum Temperature Range	Class 2	DIN EN 61386 VDE 0605 Teil 22
Maximum Temperature Range	Class 2	DIN EN 61386 VDE 0605 Teil 22
Fire behavior	Class D (s3 d2)	DIN EN 13501-1

Niederwinkling the, 16.02.2015

i.V.   
**Klostermaier Stephan**  
**CE - Conformity Commissioner of Business Management**

**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).**

**The light transmittance of > 60% (low smoke) has been confirmed in accordance with DIN EN 61034-2 at the dimension 10x1.0.**

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: LF  
 Release: MK  
 Date: 17.08.2016  
 Edition: 5

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.