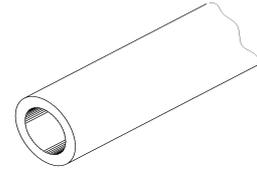


Technical data sheet for:

speed•pipe®-indoor-g 12x2,0 CE
VDE-REG.-Nr. 8747 



General data

Item	speedpipe-indoor-g 12x2,0 (non-flame propagating)		
Description	speedpipe-indoor-g for the application inside buildings, drains or tunnels		
Weight	approx. 0,066 kg/m		
Production length	Spool	Total weight	
350m	700x370mm	approx. 36 kg (incl. spool)	
2000m	1200x370mm	approx. 160 kg (incl. spool)	
Minimum bending radius	guided bending: R = 65mm	open bending: R = 10x speedpipe-diameter	

Technical data

Quality	Value	Unit
Material		
Material	PolyEthylen PE, flame retardant	
MFI	max. 30	%
Homogeneity	free from inclusions < 0,02	mm ²
Internal pressure creep rupture test	Sigma 8,0 for 100h at 20°C	N/mm ²
Halogenfree	< 0,02%	DIN EN 60684-2

speedpipe-indoor-g 12x2,0

Dimension	D = 12,0 ^{+0,1} ; s = 2,0 ^{+0,15}	mm
Colour	nature (white)	
Pressure nominal	PN 16	
Inner surface	63 optimized sliding ribs	
Burst pressure	min. 46	bar at 20°C
Max. pull strength	300	N
Elongiation from pulling force	440	N
Break at pulling force	900	N
Apex pressure	2000	N
Fire behavior	D s3 d2	DIN EN 13501-1
Fire test	passed	DIN EN 60332-1-2

Classification

Classification code	3-3-2-2-2-2-0-0-0-1-0	DIN EN 61386-22 (VDE 0605 Teil 22)
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Use according to DIN VDE 0100-520:2013-06

		allowed	not allowed
Installation outdoors	Unprotected installation	x	
Installation in the building	Unprotected installation (on plaster)	x	
	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	

No responsibility is taken for the correctness, currency and completeness of details and information.

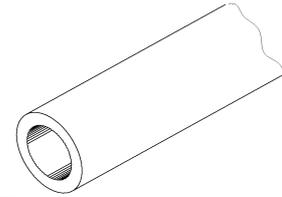
Liability for damages is excluded.

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Technical data sheet for:

speed•pipe®-indoor-g 12x2,0 CE
VDE-REG.-Nr. 8747



Declaration of Performance according to EU-Reg. 305/2011 Appendix III

1. Product Type:	speed•pipe-indoor-g (Microduct)
2. Article Number.:	1689 & 1690
3. Usage:	LWL Protection tube for laying in the house
4. Trade Name:	speed•pipe-indoor-g / Dimension 12 x 2,0 mm
Manufacturer:	gabo Systemtechnik GmbH, Am Schaidweg 7, 94559 Niederwinkling
5. System for Performance assessment:	2+ according to EU Reg. 305/2011 App. V

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).

6. Stated Performance:		
Main features	Performance	Technical Specification
Pressure load	Class 3	DIN EN 61386 VDE 0605 Teil 22
Impact strength	Class 3	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

The Performance of the Article according to which Number 1 and 2 correspond to the declared Performance by No. 6. Responsible for the Preparation of this Declaration of Performance in accordance with the Manufacturer's of Point No. 4

Niederwinkling the, 03.02.2014

i.A. 
Klostermaier Stephan
CE - Conformity Commissioner of Business Management

gabocom is certified by the quality system following DIN EN ISO 9001:2008

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