

Certificate

Nr. Z-111384



Industrie Service

Product type:

**Schneider-Druckluft
pipe systems**

Area of application:

for compressed air supply

Manufacturer/Supplier:

**Schneider Druckluft GmbH
Ferdinand-Lassalle-Str. 43
72770 Reutlingen**

Test principle:

According to the Pressure Equipment Directive 97/23/EC Article 3 Section 3, the compressed air pipe system must be designed and used in accordance with sound engineering practice. The test is based on DVGW Worksheet W 534, DVGW Worksheet VP 605 and DIN 16893, DIN 73378 and DIN 74324.

System components			Area of application	
Connecting systems	Dimensions	Pipe material	max. permissible working over-pressure at operation temperatures -20 ≤ +20 °C	max. permissible working over-pressure at operation temperatures -20 ≤ +50 °C
Plug-in system	15 to 28 mm	PA (hard)	15 bar	11 bar
	15 to 22 mm	PA (soft)	15 bar	11 bar
	28 mm		14 bar	9 bar
	22 mm	PA black (hard)	15 bar	11 bar
	15 to 22 mm	PA black (soft)	15 bar	11 bar
	15 to 28 mm	Aluminium	15 bar	15 bar
Clamping ring system	15 to 28 mm	Stainless steel V4A	15 bar	15 bar
	15 to 28 mm	Polyamid (hard)	15 bar	11 bar
	28 mm	Polyamid (soft)	15 bar	11 bar
	22 mm		14 bar	9 bar
	15 to 22 mm	PA black (hard)	15 bar	11 bar
	15 to 22 mm	PA black (soft)	15 bar	11 bar
Brass clamping ring system	32 to 63 mm	Aluminium	15 bar	15 bar
Screwing/clamping system	32 to 63 mm	PE-Xa (hard)	13 bar	10 bar
	32 to 63 mm	PE-Xa (soft)		
Distribution boxes std.	Basic RLD-B 2x1/2i to - B 6x1/2i RLD-B 4x1i-1/2i Top RLD-T 2x1/2i to - T 4x1/2i	PA6 GF30	15 bar	15 bar
Distribution boxes midi	EVM 2x3/8-1/2 EVM 3/8-1/2 EVM 3/8-2x1/2	PA6GF30	15 bar	15 bar
Distribution boxes	G1"i	Aluminium	15 bar	15 bar
Tapping clip	LAS 32 bis LAS 63	PP-B	10 bar	10 bar

Vakuum at 20 ± 5 °C

Test result:

The pipe systems can be safely used up to the defined max. working overpressures and operating temperatures.

Special conditions:

With regard to the area of application, assembly and installation of the pipe systems, the specifications in test report no. P-111384, the Assembly Instructions and the Planning Manual must be observed.

Test report no. P-111384 is an integral part of this certificate. This certificate only applies to the system components listed in Test Report. It shall become invalid if any changes are made to the system components or the areas of application.

Expiration date: 06 Dec 2017

Filderstadt, 10 Dec 2012

TÜV SÜD Industrie Service GmbH

The expert

Volker Kuoni

