

LPA4, LPA5

Rail vehicle approved nylon tubing



- > Tube size: \varnothing 6 ... 12 mm
- > Fire and smoke resistant nylon tubing designed for applications on railway vehicles
- > Tube tested and conforming to the following standard: EN 45545-2 + A1:2016
- > Dimensionally compatible with DIN 74324



Technical features

Medium:

Compressed air

Dimensional standard:

Conforming to DIN 74324

Operating pressure:

See diagram below

Tube colour:

Dark grey

Standard length:

50 m

Ambient/Media temperature:

-40 ... +100°C max.

(-40 ... +212°F max.)

Note: pressure/temperature ratio see graph below

Material:

Polyamide

Technical data

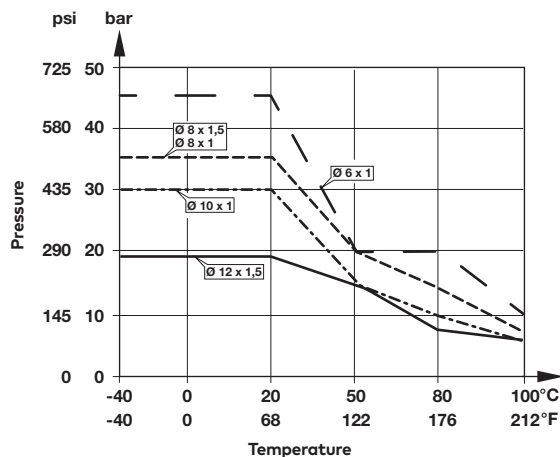
Outer \varnothing (mm)	Wall thickness (mm)	Inner \varnothing (mm)	Min. bend radius (mm)	Weight approx. (kg/50 m)	Model
6 ± 0.05 -0.1	1 ± 0.08	4	90	0,9	LPA4-0606050
8 ± 0.05 -0.1	1 ± 0.08	6	120	1,3	LPA4-0608050
8 ± 0.05 -0.1 *1)	1,5 ± 0.1	5	120	1,8	LPA5-0608050
10 ± 0.1	1 ± 0.08	8	140	1,6	LPA4-0610050
12 ± 0.1	1,5 ± 0.1	9	160	2,9	LPA4-0612050

*1) Tube size does not conform to DIN 74324

Test results EN 45545-2 + A1:2016

Requirement Set	Test results
R22	HL3
R23	HL3
R25	HL3

Pressure/temperature



Option selector


LPA★-06★★050

Tube size to DIN 74324	Substitute
Conforming	4
Non conforming (\varnothing 8 x 1,5 mm only)	5

Tube size	Substitute
6	06
8	08
10	10
12	12


Accessories

Tube clips single sided



Tube Ø (mm)	Number of tubes	Model
6	1	34021804
6	2	34021904
8	1	34021805
8	2	34021905
10	1	34021806
10	2	34021906
12	1	34021807
12	2	34021907

Cutter



Description	Model
Cutter	M/3314
Replacement blade (pack of 10)	39012010
Replacement blade (1-off)	39012061

Warning

These products are intended for use in industrial compressed air and rail transport systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/data**«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren GmbH.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure. System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided. System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.