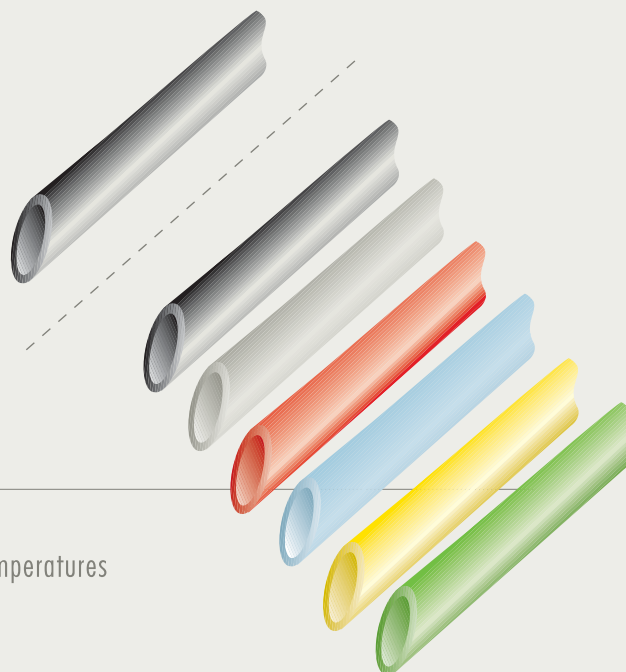


# DIN tubes made of PA12

Calibrated mono tubes made of polyamide 12,  
plasticized, impact modified, UV and heat stabilized  
according to DIN 73378 or 74324



## Properties

- Excellent impact and notched impact strength, even at low temperatures
- Excellent cracking and breaking strength
- Good pressure resistance at high temperatures
- Very good abrasion behavior
- High dimensional stability
- High resistance to oils, greases, fuels, oxidation, hydraulic fluids, salt solutions and more#
- Low density

## Applications

- Fluid and compressed air lines for motor vehicles
- Central lubrication systems
- Compressed air supply systems
- Measurement and control technology
- Tubing for air braking systems of road vehicles
- Automation technology
- Fuel lines

## Specifications

**PA12-HIPHL** or **PA12-PHLY**. According to **DIN 73378** or **DIN 74324**. Colour according to DIN 74324: black. Colours according to DIN 73378: black, natural, red, blue, yellow, green. The identification of the pipes is according to DIN 73378/74324. Operating temp. range from -40°C to approx. +100°C - (higher temp. possible only for short term use)

**HI**: PA 12 impact modified | **P**: plasticized | **H**: heat stabilized against thermal aging | **L**: light stabilized for better UV resistance | **Y**: PA 12 modified for higher working pressure

ø Outer (mm)	Tolerances (mm)	ø Inner (mm)	Min. Wall Thickn. (mm)	PA12-HIPHL Oper. pressure at 23°C* (bar)	PA12-PHLY Oper. pressure at 23°C* (bar)	Min. Bending radius at 23°C (mm)
4	± 0,10	± 0,102	min. 0,90	min. 0,90	45/49	60/60 20
6	± 0,10	4	min. 0,90	27/29	36/36	30
8	± 0,10	6	min. 0,90	19/21	26/26	40
9	± 0,15	6	min. 1,35	27/29	36/36	45
10	± 0,10	8	min. 0,90	-/16	-/20	60
10	± 0,12	7,5	min. 1,12	19/21	26/26	60
11	± 0,15	8	min. 1,35	21/23	28/28	60
12	± 0,15	9	min. 1,35	19/21	26/26	60
14	± 0,15	10	min. 1,80	22/24	30/30	75
15	± 0,15	12	min. 1,35	-/16	-/20	90
16	± 0,15	12	min. 1,80	19/21	26/26	95
18	± 0,15	14	min. 1,80	-/18	-/23	100

\* The feasible operation pressure is depending on the working temperature.

Additional dimensions according to DIN 73378/74324 on request.

**Standard delivery form:** coils of 100 m. Other coil lengths and forms on request.

All information is based on current knowledge and is supplied without guarantee. As of August 2022