



Master-Tube PA 6.12w

The Material Alternative to PA 12

Fields of Application

- Automotive
- Agriculture
- Painting Technology
- Mechanical Engineering
- Robots & Automisation
- Transport

Features

- flexible, contains plasticizers
- high impact strength
- good temperature resistance
- good UV resistance
- good chemicals resistance
- calibrated
- good hydrolysis resistance
- good stress crack resistance
- high abrasion resistance
- very good suitability for Push-In connections
- drag chain capable
- LABS free
- halogen-free

Temperature Range

- -40°C to +90°C

Applications

- Agriculture Technology
- Pneumatic Systems
- Lacquer & Solvent Transport
- Robotics
- Energy Supply Systems
- Feeding Technology
- Control Air
- Protection Tube

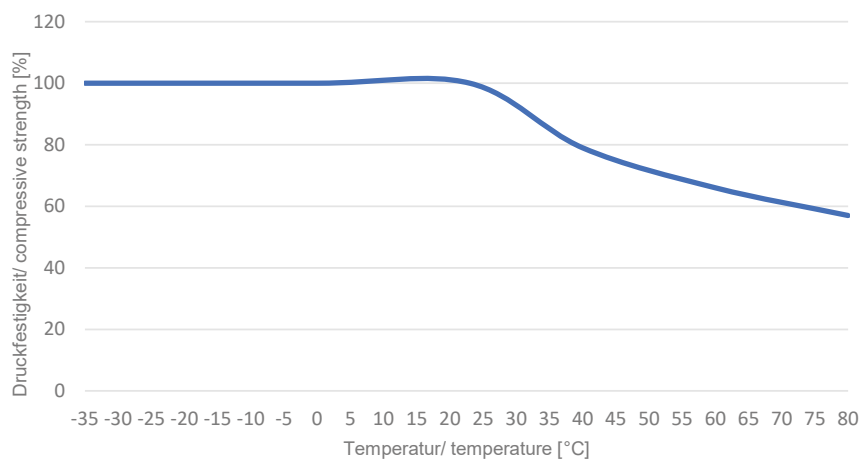
Delivery Variations

- Dimensions:
 - inner diameter: 2 - 18 mm
 - outer diameter: 4 - 22 mm
- Colours:
 - natural
 - blue
 - black
 - on request
- Possible Variations:
 - Multi-tube
 - Spiralised
 - Moulded Form Tubes
 - Rolled Goods
 - Cut Goods

ID (mm)	WT (mm)	OD (mm)	Tolerance ID & OD (mm)	Weight (g/m)	max. working pressure (bar)	min. bending radius (mm)
2	1	4	± 0,05	9,8	46	10
2,9	0,55	4	± 0,05	6,2	22	20
3	1	5	± 0,05	13,1	35**	20**
4	1	6	± 0,10	16,3	29	20
5	1,5	8	± 0,10	31,9	35	30
5,5	1,25	8	± 0,10	27,6	25**	40**
6	1	8	± 0,10	22,9	21	40
6	2	10	± 0,10	29,4	35**	70**
7	1,5	10	± 0,10	41,7	25	40
7,5	1,25	10	± 0,10	35,7	20**	70**
8	1	10	± 0,10	29,4	15	40
8	2	12	± 0,10	65,3	32	40
9	1,5	12	± 0,10	51,5	22	70
10	1	12	± 0,10	35,9	13	90
10	2	14	± 0,10	78,4	25	120**
11	1,5	14	± 0,10	61,3	16**	120**
12	1,5	15	± 0,10	66,2	15**	140**
12	2	16	± 0,15	91,5	20**	140**
14	2	18	± 0,15	104,6	17**	170**
16	2	20	± 0,15	117,6	15**	170**
18	2	22	± 0,25	130,7	14**	200**

All data refers to a medium and ambient temperature of +23°C
 ID: inner diameter, WT: wall thickness, OD: outer diameter
 ** = calculated values

Pressure diagram for Master-Tube PA 6.12w



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