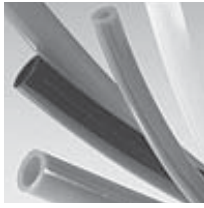


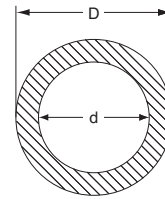
# Pneumatic tube



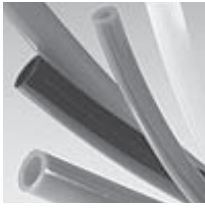
## PUR Tube

Material: PUR (Polyurethane)  
 Temperature range: -35°C ... +65°C  
 Standard length: 50 m

Other colours or dimensions on request.



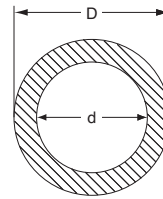
Tube diameter		Pressure range [bar]			Colour	Type
D	d	-35°C...+20°C	+40°C	+60°C		
4	2	21	16	13	black	<b>CPU 4/2 F</b>
4	2	21	16	13	blue	<b>CPU 4/2 K</b>
4	2	21	16	13	white	<b>CPU 4/2 N</b>
4	2,5	15	11	9	black	<b>CPU 4/2,5 F</b>
4	2,5	15	11	9	blue	<b>CPU 4/2,5 K</b>
4	2,5	15	11	9	white	<b>CPU 4/2,5 N</b>
5	3	16	12	10	black	<b>CPU 5/3 F</b>
5	3	16	12	10	blue	<b>CPU 5/3 K</b>
5	3	16	12	10	white	<b>CPU 5/3 N</b>
6	4	14	11	9	black	<b>CPU 6/4 F</b>
6	4	14	11	9	blue	<b>CPU 6/4 K</b>
6	4	14	11	9	white	<b>CPU 6/4 N</b>
8	6	12	9	7	black	<b>CPU 8/6 F</b>
8	6	12	9	7	blue	<b>CPU 8/6 K</b>
8	6	12	9	7	white	<b>CPU 8/6 N</b>
10	8	9	7	6	black	<b>CPU 10/8 F</b>
10	8	9	7	6	blue	<b>CPU 10/8 K</b>
10	8	9	7	6	white	<b>CPU 10/8 N</b>
12	9	10	8	6	black	<b>CPU 12/9 F</b>
12	9	10	8	6	blue	<b>CPU 12/9 K</b>
12	9	10	8	6	white	<b>CPU 12/9 N</b>
14	11	8	6	5	black	<b>CPU 14/11 F</b>
14	11	8	6	5	blue	<b>CPU 14/11 K</b>
14	11	8	6	5	white	<b>CPU 14/11 N</b>



## PA Tube

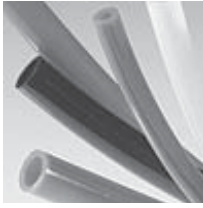
Material: PA (Poliamide)  
 Temperature range: -60°C ...+100°C  
 Standard length: 50 m

Other colours or dimensions on request.



Tube diameter		Pressure range [bar]			Colour	Type
D	d	-60°C...+23°C	+40°C	+80°C		
4	2	44	33	21	black	CPA 4/2 F
4	2	44	33	21	blue	CPA 4/2 K
4	2	44	33	21	white	CPA 4/2 N
4	2,5	31	23	15	black	CPA 4/2,5 F
4	2,5	31	23	15	blue	CPA 4/2,5 K
4	2,5	31	23	15	white	CPA 4/2,5 N
5	3	34	25	16	black	CPA 5/3 F
5	3	34	25	16	blue	CPA 5/3 K
5	3	34	25	16	white	CPA 5/3 N
6	4	27	20	13	black	CPA 6/4 F
6	4	27	20	13	blue	CPA 6/4 K
6	4	27	20	13	white	CPA 6/4 N
8	6	19	14	9	black	CPA 8/6 F
8	6	19	14	9	blue	CPA 8/6 K
8	6	19	14	9	white	CPA 8/6 N
10	8	15	11	7	black	CPA 10/8 F
10	8	15	11	7	blue	CPA 10/8 K
10	8	15	11	7	white	CPA 10/8 N
12	9	19	14	9	black	CPA 12/9 F
12	9	19	14	9	blue	CPA 12/9 K
12	9	19	14	9	white	CPA 12/9 N
12	10	12	9	6	black	CPA 12/10 F
12	10	12	9	6	blue	CPA 12/10 K
12	10	12	9	6	white	CPA 12/10 N
14	11	16	12	8	black	CPA 14/11 F
14	11	16	12	8	blue	CPA 14/11 K
14	11	16	12	8	white	CPA 14/11 N
16	13	14	10	7	black	CPA 16/13 F
16	13	14	10	7	blue	CPA 16/13 K
16	13	14	10	7	white	CPA 16/13 N
22	18	13	10	6	black	CPA 22/18 F
22	18	13	10	6	blue	CPA 22/18 K
22	18	13	10	6	white	CPA 22/18 N

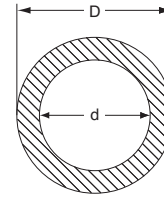
# Pneumatic tube



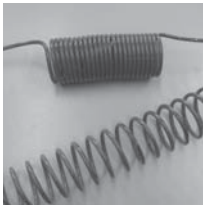
## PTFE Tube

Material: PTFE  
 Temperature range: -200°C ...+260°C  
 Standard length: 50 m

Other dimensions on request.



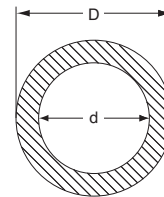
Tube diameter		Pressure range [bar]			Colour	Type
D	d	...+20°C	+75°C	+150°C		
4	2	20	15	11	white	<b>CPT 4/2 N</b>
5	3	15	12	8	white	<b>CPT 5/3 N</b>
6	4	12	9	6	white	<b>CPT 6/4 N</b>
8	6	9	7	5	white	<b>CPT 8/6 N</b>
10	8	7	5	4	white	<b>CPT 10/8 N</b>
12	10	6	5	3	white	<b>CPT 12/10 N</b>



## Spiral Tube

Material: PA  
 Temperature range: -60°C ...+160°C  
 Standard length: L = 5 m and 7,5 m

Other dimensions on request.



Tube diameter		L [m]	Pressure range [bar]			Colour	Type
D	d		-60°C...+23°C	+40°C	+80°C		
6	4	5	27	20	13	blue	<b>SPA 6/4-5m</b>
8	6	5	19	14	9	blue	<b>SPA 8/6-5m</b>
10	8	5	15	11	7	blue	<b>SPA 10/8-5m</b>
12	9	5	19	14	9	blue	<b>SPA 12/9-5m</b>
6	4	7,5	27	20	13	blue	<b>SPA 6/4-7,5m</b>
8	6	7,5	19	14	9	blue	<b>SPA 8/6-7,5m</b>
10	8	7,5	15	11	7	blue	<b>SPA 10/8-7,5m</b>
12	9	7,5	19	14	9	blue	<b>SPA 12/9-7,5m</b>

Hafner-Pneumatik Krämer KG  
Stammheimer Straße 10

D-70806 Kornwestheim

Phone +49 - 71 54 - 82 72 60  
Fax +49 - 71 54 - 82 72 68

[info@hafner-pneumatik.de](mailto:info@hafner-pneumatik.de)  
[www.hafner-pneumatik.de](http://www.hafner-pneumatik.de)

Hafner Pneumatika Kft.  
Püski út 3.

H-9228 Halászi

Phone +36 - 96 - 57 30 12  
Fax +36 - 96 - 21 06 15

[ertekesites@hafner-pneumatika.com](mailto:ertekesites@hafner-pneumatika.com)  
[www.hafner-pneumatika.com](http://www.hafner-pneumatika.com)