

## PVDF HA SLANGER og RØR

### Material:

Polyvinylidenfluorid copolymer (PD03)

### Karakteristik:

Super kvalitets, forholdsvis stiv, pneumatisk slange som er særdeles velegnet i et kemisk miljø. PVDF har bedre mekaniske egenskaber end alle andre fluorpolymer, hvilket udmønter sig i et meget højt arbejdsstryk.

Har endvidere exceptionel god UV bestandighed.

Kemisk bestandighed:	Fremragende
Tryk bestandighed:	Fremragende
UV- og vejrbestand.:	Fremragende
Service temperatur:	-30°C til +120°C
Flammebestandighed:	V-0 (UL 94)
Overfladehårdhed:	Shore D 80
E-modul:	2.000 MPa
Vandoptagelse:	< 0,03 %
Norm:	- Godkendt til fødevarer kontakt jf. FDA 21 CFR 177.2510 (USA) og EU direktiv - Godkendt til drikkevand jf. NSF 51 (USA) - Godkendt til medicinsk anvendelse jf. USP XXIV Class VI



Andet:	Resistent overfor nuclear bestråling
Fittings:	Pneumatisk

### Dimension:

Standard:	2,0 til 50 mm
Specialiteter:	-

### Farve:

Standard:	Natur, sort, rød og blå
Specialiteter:	Speciel farver mod tillæg

### Print:

Slangerne kan printes med sort eller hvidt print mod 2,5 % tillæg

### Minimum ordre:

500 meter pr. dimension og farve

### Emballage:

Standard:	Ruller af 25, 50, 100 og 250 meters
Specialiteter:	Efter forespørgsel Slangerne kan leveres på spoler eller i papkasser

Se endvidere separat oversigt over emballage

### Typiske anvendelser:

- Pneumatik
- Automobil industrien
- Bremseslanger (luft)
- Industrielle formål
- Fødevarer industrien (mejerier,...)
- Papir industrien

## PVDF HA HOSES and TUBES

### Material:

Polyvinylidenefluoride copolymer (PD03)

### Characteristics:

High quality, quite stiff pneumatic hoses suitable for chemical environment with high pressures in a wide temperature range.

PVDF has better mechanical properties than any of the other commercially available fluor plastics and exceptional good UV resistance.

Chemical resistance:	Excellent
Pressure resistance:	Excellent
UV- & weather resist.:	Excellent
Service temperature:	-30°C to +120°C
Flame resistance:	V-0 (UL 94)
Surface hardness:	Shore D 80
E-modulus:	2.000 MPa
Moisture absorption:	< 0,03 %
Norms:	- Approved for food contact acc. to FDA 21 CFR 177.2510 (USA) and EU directive - Approved for drinking water acc. to NSF 51 (USA) - Approved for medical use acc. to USP XXIV Class VI



Others:	Resistance to nuclear radiation
Fittings:	Pneumatic

### Dimension:

Standard:	2,0 to 50 mm
Specialities:	-

### Colour:

Standard:	Natural, black, red and blue
Specialities:	Special colours at an additional charge

### Print:

Black or white printing on hoses at an additional charge of 2,5%

### Minimum order:

500 meter per dimension and colour

### Packaging:

Standard:	Coils of 25, 50 100 and 250 meters
Specialities:	Other length on request. The hoses can be supplied in boxes or on spools

Please see separate datasheet for packaging options

### Typical applications:

- Pneumatic
- Automotive industry
- Airbrake tubes
- Industrial applications
- Food processing industry (dairy,...)
- Pulp and paper industry

Data oversigt: / Data overview:

Dimension (mm)		Tolerance (mm)*		Bøje / Bendng radius (mm)**	Arbejdstryk (bar) Working pressure (bar)				
OD	ID	OD	ID		20°C	60°C	80°C	95°C	120°C
4,0	/	2,0	+/- 0,1		128	72	55	45	25
5,0	/	3,0	+/- 0,1		96	54	41	34	19
6,0	/	4,0	+/- 0,1		77	43	33	27	15
7,0	/	5,0	+/- 0,1		64	36	27	22	13
8,0	/	5,0	+/- 0,1		89	50	38	31	18
8,0	/	5,5	+/- 0,1		71	40	32	25	14
8,0	/	6,0	+/- 0,1		55	31	23	19	11
9,0	/	7,0	+/- 0,1		48	27	21	17	10
10,0	/	6,0	+/- 0,1		96	54	41	34	19
10,0	/	7,0	+/- 0,1		68	38	29	24	13
10,0	/	8,0	+/- 0,1		43	24	18	15	8
12,0	/	8,0	+/- 0,1		77	43	33	27	15
12,0	/	9,0	+/- 0,1		55	31	23	19	11
12,0	/	10,0	+/- 0,1		35	20	15	12	7
14,0	/	12,0	+/- 0,1		30	17	13	10	6
16,0	/	12,0	+/- 0,15		55	31	23	19	11
18,0	/	16,0	+/- 0,15		23	13	10	8	4
20,0	/	16,0	+/- 0,15		43	24	18	15	8
20,0	/	18,0	+/- 0,15		20	11	9	7	4
22,0	/	18,0	+/- 0,15		38	22	16	13	8
24,0	/	20,0	+/- 0,15		35	20	15	12	7
26,0	/	22,0	+/- 0,15		32	18	14	11	6

Forklaring til oversigt:

Tolerance:

Slangerne overholder som minimum tolerancerne fastlagt i DIN 16 982

Bøje radius:

90° bøjning med minimal deformation af slangen ved 20 °C

Arbejdstryk:

Sikkerhedsfaktor 2,5 i forhold til sprængtryk

Explanation to overview:

Tolerance:

The hoses are produced in accordance with DIN 16 982

Bending radius:

90° bending with minimal deformation of the hose at 20 °C

Working pressure:

Safety factor 2,5 compared to burst pressure