

PA 12 SUPERFLEX SLANGER og RØR

Materiale:

Modificeret Polyamid 12 (PA26)

Karakteristik:

Super fleksibel høj kvalitets pneumatisk slange, som tilbyder bedre termiske og mekaniske egenskaber samt tryk resistens end PA 11 SF.

Materialet er hvidt, som naturfarve.

Fleksibilitet er på niveau med PUR, men PA 12 SF er bestandig overfor hydrolyse (nedbrydning i vand).

Kemisk bestandighed:	God
Tryk bestandighed:	Meget god
UV- og vejrbestandighed:	Fremragende
Service temperatur:	-40°C til +80°C
Flammebestandighed:	HB (UL 94)
Overfladehårdhed:	-
Elasticitets modul:	250 MPa
Vandoptagelse:	0,7 %
Norm:	-



Fittings / samlinger: Pneumatisk

Dimension:Standard: 1,5 til 50 mm
Specialiteter: -**Farve:**Standard: Hvid, sort, grå, rød, orange, gul, grøn 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

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

Se separat oversigt over emballage muligheder

Typiske anvendelser:

- Pneumatik
- Automobil industrien
- Bremseslanger (luft)
- Industrielle formål

PA 12 SUPERFLEX HOSES and TUBES

Material:

Modified Polyamide 12 (PA26)

Characteristics:

Super flexible high quality pneumatic hose, which offers better mechanical and thermal properties as well as pressure resistance than PA 11 SF.

The material is white, as its natural colour.

Flexibility is equal to PUR, but moreover PA 12 SF is resistant to hydrolysis (breakdown in water).

Chemical resistance:	Good
Pressure resistance:	Very good
UV- & weather resistance:	Excellent
Service temperature:	-40°C to +80°C
Flame resistance:	HB (UL 94)
Surface hardness:	-
Flexural modulus:	250 MPa
Moisture absorption:	0,7 %
Norms:	-



Connections / fittings: Pneumatic

Dimension:Standard: 1,5 to 50 mm
Specialities: -**Colour:**Standard: White, black, grey, red, orange, yellow, green 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

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

Data oversigt: / Data overview:

Dimension (mm)		Tolerance (mm)		Bøje / Bending radius (mm)	Arbejdstryk (bar) Working pressure (bar)					
OD	ID	OD	ID		23°C	30°C	40°C	60°C	80°C	
4,0	/	2,0	+/- 0,1	+/- 0,1	10	45	-	32	25	21
4,0	/	2,5	+/- 0,1	+/- 0,1		31	-	22	17	14
4,0	/	2,7	+/- 0,1	+/- 0,1		26	-	19	15	12
5,0	/	2,0	+/- 0,1	+/- 0,1		58	-	42	33	27
5,0	/	3,0	+/- 0,1	+/- 0,1	20	34	-	24	19	16
6,0	/	3,0	+/- 0,1	+/- 0,1		45	-	32	25	21
6,0	/	4,0	+/- 0,1	+/- 0,1	20	27	-	19	15	12
6,0	/	4,5	+/- 0,1	+/- 0,1		19	-	14	11	9
7,0	/	5,0	+/- 0,1	+/- 0,1		22	-	16	12	10
8,0	/	5,0	+/- 0,1	+/- 0,1	30	31	-	22	17	14
8,0	/	5,5	+/- 0,1	+/- 0,1		25	-	18	14	12
8,0	/	6,0	+/- 0,1	+/- 0,1	40	19	-	14	11	9
9,0	/	7,0	+/- 0,1	+/- 0,1		17	-	12	10	8
10,0	/	6,0	+/- 0,1	+/- 0,1		34	-	24	19	16
10,0	/	7,0	+/- 0,1	+/- 0,1		24	-	17	13	11
10,0	/	7,5	+/- 0,1	+/- 0,1		19	-	14	11	9
10,0	/	8,0	+/- 0,1	+/- 0,1	50	15	-	11	8	7
12,0	/	8,0	+/- 0,1	+/- 0,1		27	-	19	15	12
12,0	/	9,0	+/- 0,1	+/- 0,1	50	19	-	14	11	9
12,0	/	9,5	+/- 0,1	+/- 0,1	60	16	-	11	9	7
12,0	/	10,0	+/- 0,1	+/- 0,1		12	-	9	7	5
14,0	/	12,0	+/- 0,1	+/- 0,1	100	10	-	7	6	5
16,0	/	12,0	+/- 0,15	+/- 0,15	80	19	-	14	11	9
16,0	/	13,0	+/- 0,15	+/- 0,15		14	-	10	8	6
18,0	/	16,0	+/- 0,15	+/- 0,15		17	-	12	9	8
20,0	/	16,0	+/- 0,15	+/- 0,15	120	15	-	11	8	7
20,0	/	18,0	+/- 0,15	+/- 0,15		7	-	5	4	3
22,0	/	18,0	+/- 0,15	+/- 0,15	155	13	-	10	8	6
24,0	/	20,0	+/- 0,15	+/- 0,15		12	-	9	7	5
26,0	/	22,0	+/- 0,15	+/- 0,15		11	-	8	6	5

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