

## HDPE SLANGER, RØR og PROFILER

**Materiale:**

High Density Polyethylen HDPE (PE04)

**Karakteristik:**

HDPE er et prisbilligt materiale, som er stivere og stærkere end LDPE, men med en ringere slagsejhed.  
HDPE er på grund af gode slid- og friktionsegenskaber velegnet til profiler.

Kemisk bestandighed:	God - Bestandig overfor de fleste organiske opløsningsmidler og kemikalier - Særlig god hydrolysebestandighed
Trykbestandighed:	Lav
UV- og vejrbestandighed:	Dårlig, men kan forbedres ved til sætning af additiver såsom kørnøg -50 °C til +70 °C
Arbejdstemperatur:	-
Flammebestandighed:	-
Overfladehårdhed:	Shore D 60
Elasticitetsmodul:	1.000 MPa
Vandoptagelse:	0 %
Norm:	- Godkendt til fødevarerkontakt jf. FDA 21 CFR 177.1520 (USA) - Godkendt til medicinsk anvendelse jf. USP XXIV Class VI Pneumatisk
Fittings / samlinger:	Pneumatisk

**Dimension:**

Standard:	2,0 til 100 mm
Specialiteter:	Andre dimensioner og profiler fremstilles efter ønske

**Farve:**

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

**Print:**

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

**Minimum ordre:**

50 kg materiale

**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 muligheder

**Typiske anvendelser:**

- Lav tryk/temperatur slanger
- Industrielt udstyr
- Medicinsk udstyr

## HDPE HOSES, TUBES and PROFILES

**Material:**

High Density Polyethylene HDPE (PE04)

**Characteristics:**

HDPE is a commodity material, which is stronger and more rigid than LDPE, but with a less good impact resistance.  
HDPE is very suitable for profiles due to its abrasion resistance and low friction.

Chemical resistance:	Good - Resistant to most organic solvents and chemicals - Very good resistance to hydrolysis
Pressure resistance:	Poor
UV- & weather resistance:	Poor, but can be improved by additives such as carbon black -50°C to +70°C
Working temperature:	-
Flame resistance:	-
Surface hardness:	Shore D 60
Flexural modulus:	1.000 MPa
Moisture absorption:	0 %
Norms:	Approved for food contact acc. to FDA 21 CFR 177.1520 (USA) - Approved for medical use according to USP XXIV Class VI Pneumatic
Connections / fittings:	Pneumatic

**Dimension:**

Standard:	2,0 to 100 mm
Specialities:	Other dimensions and profiles in sizes and shapes

**Colour:**

Standard:	Natural, white, 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:**

50 kg material

**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:**

- Low pressure and temperature hoses
- Industrial applications
- Medical equipment