



PTFE 8 x 6

PTFE Supertube slang 8 x 6 p.p.m1 (min. afname 10 m1)

Productspecificatie

Teflonslang: PTFE is zeer geschikt voor hoge temperaturen en heeft een zeer goede chemische resistentie, weersbestendig.

Temp. bereik: -200°C / + 250°C

Max. druk bij 20°C: 9 bar

Kleur: melkwit

Minimale bestelgrootte: 10 meter

The strength of the carbon-fluorine bond and the high atomic weight gives PTFE a range of outstanding properties:

- the high heat resistance allows PTFE products to be used in continuous service with temperatures from -200°C to + 260°C
- chemical inertia to almost all the chemical products; the only chemicals that react with PTFE are:
 - > alkali metals in elemental state (melted or in solution)
 - > fluorine and some of its derivatives
- a very low friction coefficient , either static and dynamic
- self-lubricating and anti-sticking
- non flammable
- outstanding electric properties (independent from frequencies and temperatures)
- good mechanical properties (excellent tensile strength in low and high temperature conditions; good resistance to fatigue and impacts)
- total resistance to ageing , humidity and U.V. rays
- non-toxic and qualified for food use

FLUOROTHERMOPLASTICS

Fluorothermoplastic are processed by using the traditional production method of melting extrusion. PFA (PerFluoroAlkoxy)

PFA is a melt processable fluoropolymer resin entirely fluorinated and with very high purity.

Its molecular structure and also properties are very similar to those of PTFE, including: chemical inertia

to almost all the chemical products, broad service temperatures range, resistance to weathering , low

coefficient of friction, excellent electrical insulation.

Compared to PTFE, PFA is transparent , more resistant and it is able to meet stricter needs.

Even absorption and permeation are lower.

FEP (PerFluorEthylenePropylene)

FEP is a melt processable fluoropolymer resin. It is transparent like PFA and it differs mainly from PTFE

and PFA because of the working temperature range that is slightly lower: from -60° C to +205° C .

PVDF (PolyVinylidene Fluoride)

PVDF is a partially fluorinated thermoplastic that has good mechanical resistance and good wear and creep resistance. It is compatible with most chemicals and it has an excellent weather resistance.

Artikeldetails

EAN code 4016138662542

Merk ICH