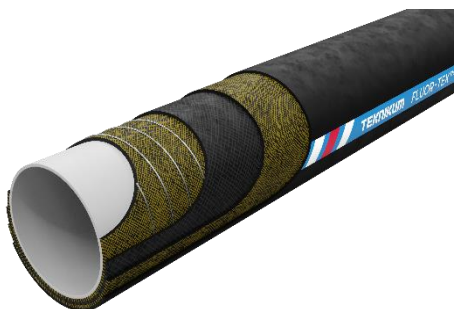


Teknikum FLUOR-TEK® SD FEP



APPLICATIONS

Universal suction and delivery hose corresponding to high quality standards in chemical industry. The hose is suitable for transporting the most aggressive chemicals. The hose withstands for example fuels, solvents, oils and corrosive chemicals.

The life cycle of the hose depends on the concentration and the temperature of transferred chemicals. Suitability of chemicals needs to be checked case specifically.

ADVANTAGES

- Suitable for almost all chemicals
- Safe and long-lasting hose
- Excellent weather and ageing resistance
- High mechanical strength
- High burst pressure $\geq 6,4$ MPa
- Suitable with many types of couplings

STANDARD/ COMPLIANCE

Meets the requirements of chemical hose standard EN 12115:2021.

FDA-approved material: CFR 21 § 177.1520.

TECHNICAL PROPERTIES

Structure

- Tube: white FEP (Fluorinated Ethylene Propylene)
 - smooth
 - chemical resistant
 - FDA-approved material
- Reinforcement: textile and steel spiral
- Cover: black CR
 - smooth
 - chemical resistant
 - wear and weather resistant
 - non-flammable
- Burst safety factor 4 x working press.

Temperature range

- 30°C... +100°C

Electrical properties

- Meets the requirements of EN 12115:2021
- Hose type: Ω
- Conductive cover $R \leq 10^6 \Omega / \text{length}$

MAINTENANCE & NOTES

Washing

Before using in food industry, the hose lining must be cleaned. Please see Manufacturer declaration for more details.

SUITABLE COUPLINGS AND CLAMPS

We recommend hose couplings according to EN 14420-7 and clamps according to EN 14420-3.

MANUFACTURER

Teknikum Oy (Business ID FI07645274),
Nokiankatu 1, 38210, Sastamala, Finland

More information









sales@teknikum.com

www.teknikum.com



ORDER REFERENCE

Selected sizes available directly from stock. Ask more from sales.

Product code 	Ø i.d. mm 	Ø o.d. mm 	Working press. bar 	Vacuum max. bar 	Bending radius mm 	Weight kg/m 	Length m 
H2920FEP019	19	31	16	0,9	76	0,7	40
H2920FEP025	25	37	16	0,9	100	0,9	40
H2920FEP032	32	44	16	0,9	128	1,1	40
H2920FEP038	38	51	16	0,9	152	1,3	40
H2920FEP050	50	66	16	0,9	200	2,0	40
H2920FEP075	75	91	16	0,9	300	3,0	40

Other dimensions available on request.

MARKINGS



Also embossed standard markings:

TEKNIKUM - EN 12115:2021 - FEP - FDA - SD - (id) - 16bar - -30°C/+100°C - Ω - quarter/year