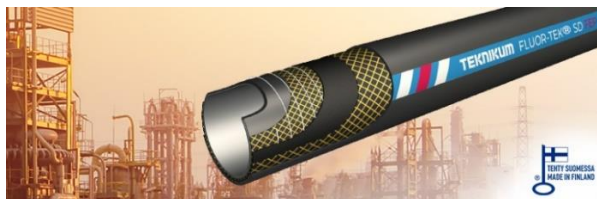


Teknikum FLUOR-TEK® SD FEP



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: black 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. Ask washing and disinfection recommendations from our sales.

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









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ORDER REFERENCE

Product code	Ø i.d. mm	Ø o.d. mm	Working press. MPa	Vacuum max. MPa	Bending radius mm	Weight kg/m	Length m
							
H2920FEP019	19	31	1,6	0,09	76	0,70	40
H2920FEP025	25	37	1,6	0,09	100	0,90	40
H2920FEP032	32	44	1,6	0,09	128	1,10	40
H2920FEP038	38	51	1,6	0,09	152	1,30	40
H2920FEP050	50	66	1,6	0,09	200	2,00	40
H2920FEP075	75	91	1,6	0,09	300	3,00	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