



# ELAFLON PLUS FEP

## Without helix

### Applications:

As pressure hose for discharge and barrel pumps in wet and dry hose systems. Also suitable as reel hose.

### Flow medium:

Chemicals

### Marking:

Blue-white-red coloured spiral and abrasion resistant continuous embossing

### Description:

- **Inner lining:** FEP, seamless, transparent, smooth bore, electrically non-conductive
- **Reinforcements:** Textile braids, form SD additionally with galvanised steel helix
- **Cover:** EPDM, electrically conductive, light grey with OHM conductive stripe (up to DN 50) or black (DN 63 – 100). Abrasion and flame resistant, resistant against weather and ageing
- **Working pressure up to:** 16 bar
- **Temperature range:** - 30° C up to + 100° C, briefly up to 130° C
- **Further properties:**
  - This high performance hose combines added flexibility and robustness of an elastomer hose with the chemical resistance associated with a Fluoropolymer hose lining
  - The lining of ELAFLON PLUS FEP is resistant to all mediums except e. g. chlorine trifluoride, oxygen difluoride and molten alkali metals. Limited chemical resistance (20° C) chlorine and fluorine gas
  - The very smooth FEP lining prevents the settling of residues and allows easy cleaning – an advantage with frequent medium changes
  - Meets EN 12115

### Technica data:

INDEX							
nr	mm	mm	bar <sup>1</sup>	bar <sup>1</sup>	bar <sup>1</sup>	aprx. mm	aprx. kg/m
FEP 13 D	13	23	16	25	0,6	100	0,4
(FEP 19 D)	19	31	16	25	0,5	125	0,6
(FEP 25 D)	25	37	16	25	0,4	150	1,9

1 - Pressure based on room temperature / High pressure and/or temperature lead to reduced component durability.