



# SUPERIOR/HF SBB

## Suction-delivery hose

### Applications:

Extra flexible mandrel built chemical suction and delivery hose designed for acids, bases, ketons, aldehyds, esters, aromatic and aliphatic hydrocarbons (limited resistance to chlorinated hydrocarbons). Also suitable for animal or vegetable foodstuffs and alcoholic drinks. Complies with F.D.A. standards. For a correct use of the hose please consult our Chemical Resistance Chart.

### Flow medium:

acids, bases, ketons, aldehyds, esters, aromatic and aliphatic hydrocarbons, foodstuffs, alcoholic drinks









### Marking:

UHMWPE CHEMICAL SID FOOD QUALITY - W.P. 16 BAR -225 PSI (yellow letters)

### Description:

- **Inner lining:** UHMWPE, white, smooth, food quality
- **Reinforcements:** Synthetic plies, helix wire embedded, antistatic wire
- **Cover:** Special blue rubber, abrasion, ozone and weather resistant. Smooth with fabric impression
- **Working pressure up to:** 16 bar
- **Temperature range:** Cleaning up to 130°C for max. 30 Min in open system. Temperature and concentration of the transported medium: refer to chemical resistance chart
- **Further properties:**
  - The hose resists to a tensile stress of 4.000 N (approx. 400 kg) with a temporary diameter shrinking of 3,5%

### Technical data:

INDEX								
nr	mm	mm	mm	bar <sup>1</sup>	bar <sup>1</sup>	bar <sup>1</sup>	aprx. mm	aprx. kg/m
-	19	6	31	16	48	0,9	65	0,68
-	25	6	37	16	48	0,9	70	0,84
-	30	6	42	16	48	0,9	75	0,98
-	32	6	44	16	48	0,9	90	1,03
-	38	6,5	51	16	48	0,9	100	1,27
-	40	6,5	53	16	48	0,9	110	1,33
-	51	7	65	16	48	0,9	135	1,92
-	60	7,5	75	16	48	0,8	160	2,30
-	63	7,5	78	16	48	0,8	170	2,38
-	76	8	92	16	48	0,8	205	3,07
-	80	8	96	16	48	0,8	215	3,23
-	102	8	118	16	48	0,7	275	4,07

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