



SUPERIOR/HF SBB

Tube white UHMWPE - cover EPDM

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 and with BfR recommendations XXI cat. 3. For a correct use of the hose please consult our Chemical Resistance Chart.

Flow medium:

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

Marking:

THOR UHMWPE CHEMICAL S/D FOOD QUALITY - W.P. 16 BAR - 225 PSI (in yellow letters)

Standard / Approval:

FDA standards

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 110°C for max. 30 Min in open system. Temperature and concentration of the transported medium: refer to chemical resistance chart

The hose resists to a tensile stress of 4.000 N (approx. 400 kg) with a temporary diameter shrinking of 3,5%.

Technical data:

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nr	mm	mm	mm	bar ¹	bar ¹	bar ¹	aprx. mm	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.