

AFLEX Hose Bioflex Ultra RC, smooth, flexible PTFE hose with blue EPDM cover



Application

- very flexible PTFE suction and delivery hose for high loads
- suitable for the pharmaceutical industry and food industry
- the unique patented design makes the hose smooth on the inside, very flexible, virtually kink-resistant and easy to clean
- it can be installed in confined spaces, as the flow is guaranteed even with a very small bending radius
- the design ensures a higher flow rate and a lower pressure drop than with a corrugated PTFE hose
- for environments where hygiene is important, the hose is available with an outer cover made of food-safe rubber
- Recommended in: Food & Beverages, Pharma

Technical Information

Temperature range

- -40 °C to +150 °C
- for autoclave cleaning, a maximum temperature of 135 °C applies for at least 300 x 30 minutes

Burst pressure

- safety factor 4:1

Test pressure

- 1.5 x maximum operating pressure

Vacuum resistance

- 90% to 150 °C

Construction

Inner wall

- white PTFE
- smooth, seamless inner wall, phthalate-free
- "rib" profile on the outside

Reinforcement

- stainless steel spiral AISI 316
- stainless steel braiding AISI 316

Outer cover

- blue EPDM coating

Execution

Couplings

- PTFE crimping or hydraulically and hygienically pressed

Approval

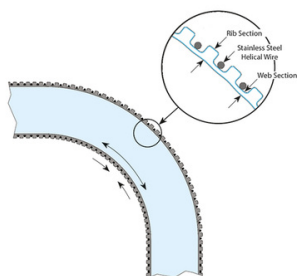
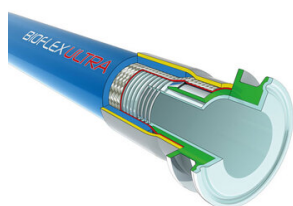
Standards/approvals

- EC1935/2004 - EU 10/2011 A,B,C,D1,D2,E
- FDA 21 CFR 177.1550
- USP VI
- 3A for the PTFE base material

Options

Options

- image is for illustration purposes only
- hoses with Hastelloy braiding available on request
- hoses in antistatic design (black PTFE) available on request
- available with full-length stainless-steel protective spiral
- pressure test report
- clearly visible laser engraving on rotatable sleeve



Description	Article
Slang webshop Bioflex Ultra RC DN25 2xTC	13175432
Slang webshop Bioflex Ultra RC DN25 P/W	13175431

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