

FDA Flexible Hose

Hose Certifications

- Meets USP Class VI Standards
- FDA 21 CFR 177.1550
- FDA 21 CFR 177.2600
- 3A Sanitary Standards

Features

- Extremely flexible
- Excellent kink resistance
- EPDM Rubber outer cover has multiple textile plies along the entire length
- Double steel wire helix for improved bend radius and shape retention
- Liner is smooth Teflon®, bonded for full vacuum service
- Non-stick contact surface will not contaminate contacted substances
- Inert and resistant to most chemicals and reagents
- Cleanable by SIP, CIP, COP methods
- Machine braid-reinforced product designed for safety at higher than normal pressures. Recommended rated pressures are based on at least 4:1 minimum burst to operating pressure ratio. Most sizes exceed this safety minimum.
- Conductive black liner available
- Available in bulk or fabricated assemblies

Applications

- Pharmaceutical processing
- Water, acid and chemical transfer
- Hot CIP solutions
- Distillery piping systems
- Electronic industries
- Viscous fluid transfer
- Food and beverage
- Load cells
- Cosmetics

Connections

- Broad variety of fittings in 316 Stainless Steel
- Teflon® encapsulated
- Kynar® /PVDF and other non-metallic materials
- Electro polished Stainless Steel fittings
- Crimped fittings available in other high quality alloys

RF-RTP - Smooth Bore Heavy Wall PTFE Lined EPDM Covered Hose



Part Number	I.D.	O.D.	Working Pressure*	Minimum Bend Radius	Vacuum (In. Hg)
08RF RTP	0.53	1.00	600 psi	1.8"	Full
12RF RTP	0.78	1.30	550 psi	2.5"	Full
16RF RTP	1.03	1.54	530 psi	3.4"	Full
24RF RTP	1.52	2.19	430 psi	5.5"	Full
32RF RTP	2.02	2.73	430 psi	8.0"	Full

*at 70°F

TUBE:

Heavy Wall
Seamless PTFE

COVER:

EPDM Rubber
(Abrasion resistant
and oil resistant)

REINFORCEMENT:

Fabric reinforced
with dual wire helix

TEMPERATURE:

-20°F to 300°F
-28°C to 148°C

