

Leading Innovator of Sanitary Gaskets, Hoses, Hose
Assemblies and Pump Parts

Video training: European Hose Range

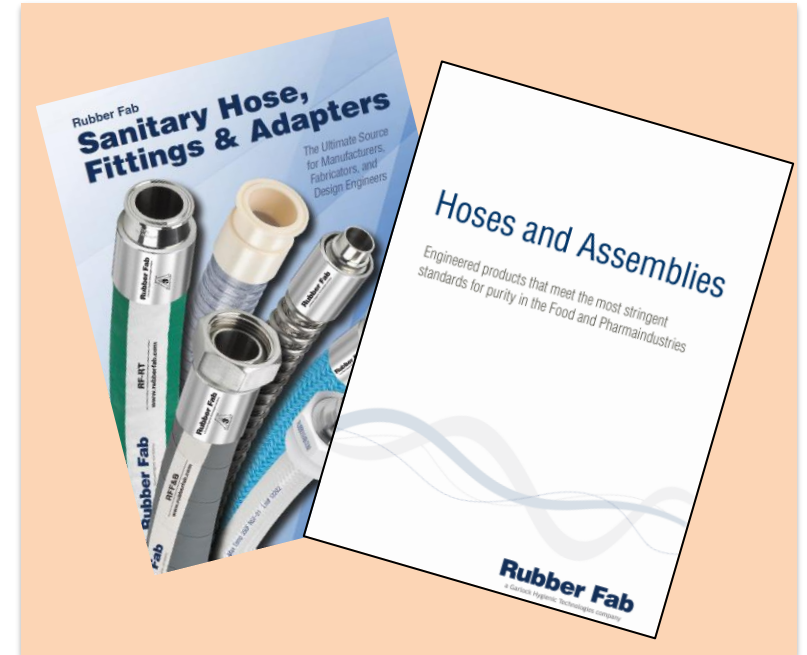
06.05.2020 – Webinar III

by Sascha Butter, Christoph Neuffer, Dominik Wiese



Introduction Hoses

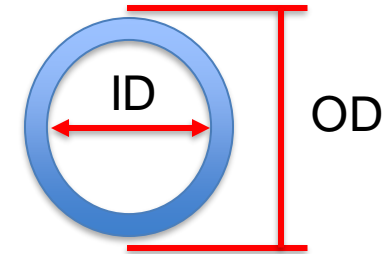
- Benefits:
- Manufactured in Europe
- Shorter Delivery Time & Higher Flexibility
- Compliance to EU regulations and market requirements
- Easy-to-use Portfolio and catalogue
- Dimensional Compatibility



Product Overview

STAMPED Selection














- S Size
- T Temperature
- A Application
- M Media
- P Pressure
- E Ends
- D Delivery



Liquid or Gas



Hoses Overview

Pharma Hoses		Food and Beverage Hoses	
RFSV-EU		RFFDAE-EU	
RFSB-EU		RFFDABOC-EU	
RFPFA-EU		RFFDABR-EU	
RFTAS-EU		RFFDAC-EU	
RFRT-EU		RFFDAEOC-EU	
RFRTHP-EU		RFRFFDA-EU	
		RFFB-EU	

Product Overview: Pharma Hoses

Pharma Hose Range



RFSV-EU



RFSB-EU



RFPFA-EU



RFTAS-EU



RFRT-EU



RFRTHP-EU

RFSV-EU: Platinum Cured Silicone Hose



- Translucent Cover; Platinum Cured Silicone Hose w/Reinforcement
- Safe Solution for use in aseptic environments and hygienic applications
- Application: Pharmaceutical processing, Laboratory, Cosmetic and more.
- Working Pressure: 7 – 10 BAR (depending on Inner Diameter)
- Operating temperature of -60°C to +200°C (-76°F to 392°F)

USP CLASS VI EC 1935/2004 2023/2006 EC 3A
FDA BfR ISO 10993 E.P.3.1.9. ADI FREE REACH
PLASTIZICERS FREE

RFSB-EU: Platinum Cured Silicone Hose



- Light Colored Cover; Platinum Cured Silicone Hose w/Braid Reinforcement
- Application: Pharmaceutical processing, Laboratory, Cosmetic and more.
- Working Pressure: 4 – 15 BAR (depending on Inner Diameter)
- Operating temperature of -60°C to +180°C (-76°F to 356°F)

USP CLASS VI EC 1935/2004 2023/2006 EC 3A
FDA BfR ISO 10993 E.P.3.1.9. ADI FREE REACH
PLASTIZICERS FREE

RFPFA-EU: Perfluoroalkoxy Hose



- Translucent Cover; Smoothbore PFA Lined Hose w/High Strength Plies
- Excellent Chemical Resistance with inert PFA liner material
- Application: Filling Equipment, Fermentation lines, Chemical Transfer and more
- Working Pressure: 3 – 10 BAR (depending on Inner Diameter)
- Operating temperature of -30°C to +150°C (-22°F to 302°F)

USP CLASS VI EC 1935/2004 2023/2006 EC

EU 10/2011 3A FDA BfR ISO 10993

ICH Q3D ADI FREE REACH

PLASTIZICERS FREE

RFTAS-EU: Antistatic Technopolymer Hose



- Clear Cover; Antistatic Technopolymere w/Reinforcement
- Excellent Resistance to abrasion, Light and easy to handle
- Application: Suction and delivery hose, Designed for conveying air mixed with powders and more
- Working Pressure: 3 – 6 BAR (depending on Inner Diameter)
- Operating temperature of -30°C to +150°C (-22°F to 302°F)

USP CLASS VI EC 1935/2004 2023/2006 EC
FDA EU 10/2011 ISO 10993 DM 21/03/73
TRGS 727 ADI FREE REACH PLASTIZICERS FREE

RFRT-EU: FEP Lined Hose



- Green EPDM Cover; FEP Lined Hose w/Reinforcement
- Excellent hygienic design allows the effective prevention of microbial accumulation
- Application: Suitable for transfer of pharma-cosmetic products, suction and delivery and more
- Working Pressure: 10 BAR
- Operating temperature of -30°C to +130°C (-22°F to 266°F)

USP CLASS VI EC 1935/2004 2023/2006 EC

EU 10/2011 3A FDA E.P.3.1.9.

ADI FREE REACH

RFRTHP-EU: FEP Lined High Pressure Hose



- Black EPDM Cover; FEP Lined Hose for High Pressure Applications w/Reinforcement
- Inert and resistant to most chemicals and reagents
- Application: Conveying a wide range of aggressive chemicals, Distillery and more
- Working Pressure: 16 BAR
- Operating temperature of -30°C to PEAKS up to +130°C (-22°F to 266°F)

USP CLASS VI EC 1935/2004 2023/2006 EC

EU 10/2011 3A FDA ADI FREE REACH

EN 12115:2011

Product Overview: Food And Beverage Hoses

Food and Beverage Range



RFFDAE-EU



RFFDABOC-EU



RFFDABR-EU



RFFDAC-EU



RFFDAEOC-EU



RFRFFDA-EU



RFFB-EU

RFFDAE-EU: EPDM Lined Hose



- Gray Synthetic Cover; EPDM Lined Hose w/Reinforcement
- Inner Liner makes it highly resistant to acids and bases w/Medium concentration
- Application: Sanitary suction and discharge, Dairy Transfer and more
- Working Pressure: 10 BAR and 15 BAR (High Pressure)
- Operating temperature of -40°C to to +120°C (-40°F to 248°F)

EC 1935/2004 2023/2006 EC 3A FDA BfR
DM 21/03/73 ADI FREE REACH PLASTIZICERS FREE

RFFDABOC-EU: BIIR Lined Hose



- Red Synthetic Cover; BIIR Lined Hose w/Reinforcement
- Highly abrasion resistant and extremely flexible
- Application: Suitable for conveying high quality organic liquid beverage
- Working Pressure: 16 BAR
- Operating temperature of -40°C to to +130°C (-40°F to 266°F)

EC 1935/2004 2023/2006 EC 3A FDA

DM 21/03/73 ADI FREE REACH PLASTIZICERS FREE

TUM APPROVED

RFFDABR-EU: BIIR Lined Hose



- Red Synthetic Cover; BIIR Lined Hose w/Reinforcement Steel Helix Wire
- Ultra-Smooth inner bore reducing the risk of bacterial growth and contamination
- Application: Oily food applications, Potable water and more
- Working Pressure: 16 BAR
- Operating temperature of -40°C to to +120°C (-40°F to 248°F)

EC 1935/2004

2023/2006 EC

3A

FDA

DM 21/03/73

ADI FREE

REACH

PLASTIZICERS FREE

TUM APPROVED

RFFDAC-EU: BIIR Lined Hose



- Gray Synthetic Cover; BIIR Lined Hose w/Reinforcement Steel Helix Wire
- Ultra-Smooth inner bore reducing the risk of bacterial growth and contamination
- Application: Dairy and milk, juice and soft drink transfer and more
- Working Pressure: 10 BAR
- Operating temperature of -40°C to to +120°C (-40°F to 248°F)



RFFDAEOC-EU: BIIR Lined Hose



- Red Low Friction Synthetic Cover; BIIR Lined Hose w/Reinforcement
- Chemical resistance to contact with a wide range of products and for cleaning/disinfection (CIP)
- Application: Water transfer, Non-fatty and Non-oily food products and more
- Working Pressure: 10 BAR
- Operating temperature of -40°C to to +110°C (-40°F to 230°F)

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ISO 10993 DM 21/03/73 ADI FREE REACH
PLASTIZICERS FREE

RFFDA-EU: NBR Lined Hose



- Blue Synthetic Cover; NBR Lined Hose w/Reinforcement
- Ultra-smooth inner bore, Chemical and ozone resistant
- Application: Suction and delivery hose, Food and Beverage transfer and more
- Working Pressure: 10 BAR
- Operating temperature of -20°C to to +90°C (-4°F to 194°F)



RFFB-EU: NBR Rubber Lined Hose



- Blue Synthetic Cover; NBR Lined Hose w/Reinforcement and Crush-Proof structure
- Hose provides a good resistance to cleaning and disinfection in the food industry
- Application: Suitable for dry bulk products, Juice and soft drink transfer and more
- Working Pressure: 10 BAR
- Operating temperature of -20°C to to +90°C (-4°F to 194°F)

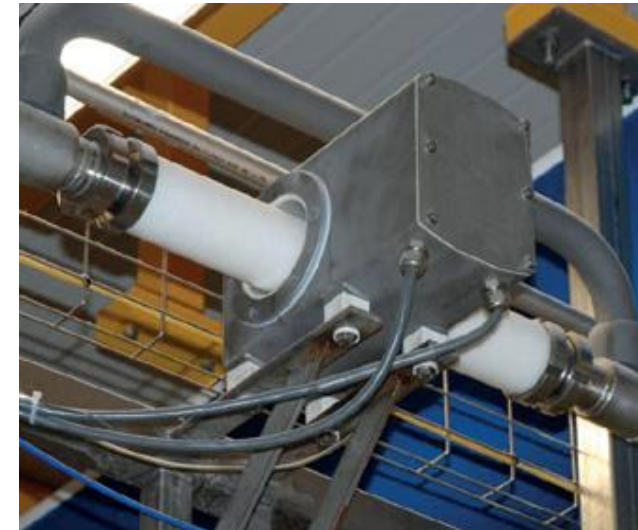


Metal Detection Tube

- Used as a metal detection machine component for viscous products such as liquids, slurries, syrups and pastes
- Assemblies are manufactured using steam cleanable USDA, FDA approved schedule 80 PVDF pipe
- Suitable for system temperatures of -40°F to 240°F and 316L sanitary Tri-Clamp connections



FDA 3A BfR



RFVD-EU: Silicone Tube Compensator

- The compensator is specifically developed for the delivery of high purity products in the pharmaceutical industry
- RFVD-EU is a flexible connection that avoids transmission of vibrations
- The special finishing, totally smooth, is to ensure the prevention of cross contamination and bacterial growth



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E.P.3.1.9. ADI FREE PLASTIZICERS FREE
NITROSAMINES FREE

Golden Bridge

- **New** two piece design made with an impact and abrasion resistant thermo plastic
- Safety yellow for high visibility
- Supports and elevates hose and sanitary stainless steel piping systems
- Eliminates hose abrasion
- Protects hose fittings from damage
- Open face design eliminates bacterial entrapment during wash down allowing wash fluids to reach floor drain systems



Fittings

- Fully Assembled with Hose and Upon Request
- Multiple Sizes and Configurations available



- STANDARDS AVAILABLE
 - Dairy Couplings according to DIN11851
 - Tri-Clamp Couplings according to DIN EN 32676
 - DIN 11850 / DIN 10357
 - ISO 1127
 - ISO 2852
 - SMS 3019
 - ASME BPE
 - BS 4825-3

Value Added Services



Hydraulic Pressure Testing



Custom Labelling



Laser Engraved



Crimping



Sterilization, Autoclaving,
Gamma-Irradiation

Feedback and outlook

- Feel free to address additional feedback in regards to content, style of presentation, presentation skills of referents or similar by mail
 - Dominik Wiese – Area Sales Manager – dwiese@rubberfab.com
 - Sascha Butter – Product Manager – sbutter@rubberfab.com
 - Christoph Neuffer – Application Engineer – cneuffer@rubberfab.com
- Training handout
- Webinars
 - Webinar 01: Gasket Selection/ Hygienic Design/ Certification
 - Webinar 02: Gaskets and accessories
 - Webinar 03: European hose range
 - Webinar xx: ???