Rubber hose Excellent Black, PFA suction & discharge hose for chemicals 16 bar, with smooth cover; according to EN 12115, USP VI and FDA, Ω/T

Application

- the universal full Ω/T suction and discharge hose with smooth PFA tube for pharmaceutical, cosmetic, food- and chemical industry
- shape and kink proof
- the Excellent Black is a 100% Ω/T hose and is through ideal for applications, which static electricity can occur
- very easy to handle with mirror smooth cover
- Recommended in: Chemical

Technical Information

Temperature range

- -40 °C to +130 °C continuous, depending on medium
- internal and external steam cleaning/disinfected up to 164 °C during max. 20 minutes, without pressure

Burst pressure

- minimum 64 bar
- safety factor 4:1

Construction

Tube

- black, food resistant PFA
- certificate on request
- smooth, homogeneous and seamlessly extruded
- electrically conductive R < 10^6 Ω

Reinforcement

- spiral-plied textile fabrics
- completely embedded steel spiral, vacuum resistant
- 2 copper wires

Cover

- special patented electrically conductive plastic cover R < 10^6 Ω
- very low friction rate improves the handling especially when the hose is full
- smooth, dirt repellent
- chemical resistant
- ozone and weather resistant

Execution

Branding

- red/white/blue: "RX® Excellent Black FDA SD 16 Bar FULL Ω/T"

Connections

- all safety clamp couplings in accordance with EN 14420 (threads, flanges, Tri-clamp, DIN 11851, DIN 11864, etc.), TODO couplings

Assembly

- safety clamps of ferrules

Approval

Approvals/regulations

- USP VI
- FDA
- EN 12115

Internal diameter	Wall thickness	Outer diameter	Maximum operating pressure	Minimum burst pressure	Vacuum-resistance at 20 °C	Minimum bending radius	Roll length	Weight	Article
mm	mm	mm	bar	bar	%	mm	m	kg/m	
13	6	25	16	64	90	135	20	0.55	11384111
19	6	31	16	64	90	225	20	0.72	11384112
25	6	37	16	64	90	262	20	0.89	11384113

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Internal diameter	Wall thickness	Outer diameter	Maximum operating pressure	Minimum burst pressure	Vacuum-resistance at 20 °C	Minimum bending radius	Roll length	Weight	Article
mm	mm	mm	bar	bar	%	mm	m	kg/m	
32	6.5	45	16	64	90	200	20	1.16	11384114
38	6.5	51	16	64	90	412	20	1.47	11384115
51	7.25	65.5	16	64	90	450	20	2.08	11384116
63.5	8	79.5	16	64	90	525	20	2.8	11384117
76	8	92	16	64	90	700	20	3.48	11384118

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