

# FlexSan™ - Food Grade Rubber Hose

## **White NBR Lined Suction and Discharge Rubber Hose**

Designed for transfer of water-based and edible-oil based food products, juices, soft drinks, cosmetics and pharmaceuticals. This ultra-flexible smooth bore hose is reinforced with spiral wound high tensile textile cords and multiple highly flexible helix wires. The smooth bore and smooth cover allows for ease of cleaning. FlexSan™ food grade rubber hose is used extensively in the manufacturing of pharmaceuticals and cosmetics as well as the conveying of foods and beverages.

## **The FlexSan™ Series Advantage:**

**Applications** – Load cell filling, pump transfer applications, food and beverage handling, transfer to and from vessels and tanks, vacuum transfer, transportation, etc.

**Cleanable** – Can be sterilized with 30 PSI steam at 266°F for up to 30 minutes.

**Sanitary** – The white smooth nontoxic NBR tube meets or exceeds **FDA** and **3A** requirements.

**Non-Marking** – The white smooth NBR/PVC blended rubber cover will not leave traces on other process equipment.

**Flexible** – The multiple steel helical wires give this hose a very small bend radius for tight bends and difficult routings.

**Durable** – Designed to give lasting services even with constant use or exposed to hostile environments.

## **Fittings:**

Permanently crimped 316 Stainless Steel sanitary inserts with a 15RA or better internal surface finish, addition electro polishing, honing and grinding available. Permanently crimped 316 Stainless Steel male NPT, female JIC, cam and groove quick couplings, ANSI flanges and other commercial fitting inserts are also available.

## **Specifications:**

Temperature Range: -22°F (-30°C) to 176°F(80°C) Continuous+

PUREFLEX PART NUMBER	I.D. SIZE	O.D. SIZE	WORKING PRESSURE (psi)	MIN BURST PRESSURE (psi)	VACUUM RATING (In. Hg)	MINIMUM BEND RADIUS	WEIGHT PER FOOT (lbs)
FS-16	1.000	1.46	150	600	29.9	3 IN	0.62
FS-24	1.500	1.97	150	600	29.9	4 IN	0.85
FS-32	2.000	2.48	150	600	29.9	6 IN	1.10
FS-48	3.000	3.46	150	600	29.9	9 IN	1.74
FS-64	4.000	4.57	150	600	29.9	12 IN	2.40

Working Pressure, Minimum Burst Pressure and Vacuum Rating stated are at 70°F(21°C)



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