



Custom sanitary assemblies upon request

FOSTER 2001 SERIES FDA HOSE

Sanitary Hose & Adapters



GATES FOOD MASTER FOOD MASTER® DRY GOODS (50-150) SD HOSE (FORMERLY - 690SB)

Application:

Transfer of bulk food products via suction, pneumatic or gravity systems where FDA sanitary tube is required. Examples: Flour, sugar, syrup and edible grains.

Construction:

TUBE: Type D2 (Natural Rubber). Sanitary FDA. White. 3/16" thick.

REINFORCEMENT: Synthetic, high tensile textile with steel wire helix.

COVER: Type D3 (Natural Rubber). Gray corrugated with burgundy spiral stripe.

Specifications:

Sterilizable/autoclavable

USP Class VI meets or exceeds:

FDA CFR 177.2600

USDA and 3A standards

European pharmacopoeia 3.1.9 Fitt

Temperature Range:

-50°F to 150°F

- Available from 1/2" to 1" I.D. Consult Foster for working pressures.

Fittings & Adapters



Sanitary Triclamp 316SS



Step Up Sanitary Triclamp 316SS



Sanitary Mini Triclamp 316SS



PFA Encapsulated Sanitary Triclamp



Solid PFA Sanitary Triclamp



Sanitary Triclamp 90-Degree 316SS



Bevel seat with nut 316SS



Sanitary Tube 316SS



Sanitary Male I-line 316SS



Female I-Line 316SS



Female Camlok 316SS



PFA Encapsulated 316SS Female Cam



FDA White Polypropylene Female Cam



Male Camlok 316SS



PFA Encapsulated Male Camlok



Male Pipe 316SS



PFA Encapsulated Male Cam Spool



PFA Encapsulated Male Cam X-Flange



Camlok Gaskets



Sanitary Clamps & Gaskets



Dairy | Pharmaceutical | Food



Since 1928



Foster Mechanical Corporation

10452 Baur Blvd. St. Louis, MO 63132

Phone: 314.997.3111 • Toll Free: 800.966.8111 • FAX: 314.997.6726 • www.fostershose.com

HOSE I.D.		HOSE O.D.		MAX. W.P.		MBR	Wt. Per Ft.	LENGTH	STOCK OR MTO
(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(in)	(in)	(ft)	
1 1/2	38.1	2.23	56.6	150	10.3	10.0	1.24	100	MTO
2	50.8	2.75	69.9	150	10.3	12.0	1.76	100	STOCK
2 1/2	63.5	3.23	82.0	125	8.6	15.0	2.00	100	MTO
3	76.2	3.75	95.3	100	6.9	18.0	3.00	100	STOCK
4	101.6	4.71	119.6	75	5.2	24.0	3.00	100	STOCK
5	127.0	5.75	146.1	55	3.8	30.0	3.98	50	STOCK
5	127.0	5.75	146.1	55	3.8	30.0	4.30	100	MTO
6	152.4	6.91	175.5	50	3.4	36.0	5.88	50	STOCK
6	152.4	6.91	175.5	50	3.4	36.0	5.88	100	MTO



FW 2001 Hose

Application:

Flexible suction and discharge hose for both dry food and liquid transfer. Suitable for transferring edibles in gravity flow, pressure or suction service.

Construction:

Tube: White Chemivic™ synthetic rubber (FDA/USDA compliant and conforms to 3-A sanitary standard 18-03)
Cover: Corrugated White EPDM synthetic rubber (wrapped impression)
Reinforcement: Two spiral-ply synthetic fabric with double galvanized helix

Safety Factor: 4:1

Temperature Range: -25°F to 230°F (-31°C to 110°C)

Sizes	ID mm	OD mm	Wt (lb/ft)	WP psi	BP psi
1/2"	19.1	30.4	0.47	250	1000
3/4"	12.7	24.3	0.37	250	1000
1"	25.4	36.6	0.58	250	1000
1-1/2"	38.1	49.8	0.84	250	1000
2"	50.8	62.8	1.12	250	1000
3"	76.2	89.9	1.91	250	1000
4"	101.6	115.7	2.71	200	800

FG 2001 Food & Beverage Hose

Application:

Flexible suction and discharge hose for both dry food and liquid transfer. Suitable for transferring edibles in gravity flow, pressure or suction service.

Construction:

Tube: White Chemivic™ synthetic rubber (FDA/USDA compliant and conforms to 3-A sanitary standard 18-03)
Cover: Corrugated Grey EPDM synthetic rubber (wrapped impression)
Reinforcement: Two spiral-ply synthetic fabric with double galvanized helix

Safety Factor: 4:1

Temperature Range: -25°F to 230°F (-31°C to 110°C)

Sizes	ID mm	OD mm	Wt (lb/ft)	WP psi	BP psi
1/2"	19.1	30.4	0.47	250	1000
3/4"	12.7	24.3	0.37	250	1000
1"	25.4	36.6	0.58	250	1000
1-1/2"	38.1	49.8	0.84	250	1000
2"	50.8	62.8	1.12	250	1000
3"	76.2	89.9	1.91	250	1000
4"	101.6	115.7	2.71	200	800
6"	152.4	169.2	4.55	150	600



FR 2001 Food & Beverage Hose

Application:

Flexible suction and discharge hose for both dry food and liquid transfer. Suitable for transferring edibles in gravity flow, pressure or suction service.

Construction:

Tube: White Chlorobutyl (FDA/USDA compliant and conforms to 3-A sanitary standard 18-03)
Cover: Corrugated Red EPDM
Reinforcement: Spiral-ply synthetic fabric with dual steel helix wire

Temperature Range: -30°F to 220°F (-34°C to 104°C)

ID	ID mm	OD (in.)	OD (mm)	WP psi	BP psi	Wt (lb)
1-1/2"	38.1	2.0	50.8	250	1000	0.09
2"	50.8	2.5	63.7	250	1000	1.17
3"	76.2	3.6	91.3	250	1000	2.18

FB 2001 Food & Beverage Hose

Application:

Flexible suction and discharge hose for both dry food and liquid transfer. Suitable for transferring edibles in gravity flow, pressure or suction service.

Construction:

Tube: White Chemivic™ synthetic rubber (FDA/USDA compliant and conforms to 3-A sanitary standard 18-03)
Cover: Corrugated Blue Chemivic
Reinforcement: Two spiral-ply synthetic fabric with double galvanized helix

Temperature Range: -25°F to 230°F (-31°C to 110°C)

ID	ID mm	OD (in.)	OD (mm)	WP psi	BP psi	Wt (lb)
1-1/2"	38.1	2.0	49.6	250	1000	0.83
2"	50.8	2.5	62.5	250	1000	1.08
3"	76.2	3.6	91.2	250	1000	2.20



FORG 2001 Hose

Application:

Flexible suction and discharge hose for both dry food and liquid transfer. Suitable for transferring edibles in gravity flow, pressure or suction service.

Construction:

Tube: White Chemivic™ synthetic rubber (FDA/USDA compliant and conforms to 3-A sanitary standard 18-03)
Cover: Corrugated Orange EPDM synthetic rubber (wrapped impression)
Reinforcement: Two spiral-ply synthetic fabric with double galvanized helix

Safety Factor: 4:1

Temperature Range: -25°F to 230°F (-31°C to 110°C)

Sizes	ID mm	OD mm	Wt (lb/ft)	WP psi	BP psi
1-1/2"	38.1	49.8	0.84	250	1000
2"	50.8	62.8	1.12	250	1000

FGN 2001 Food & Beverage Hose

Application:

Flexible suction and discharge hose for both dry food and liquid transfer. Suitable for transferring edibles in gravity flow, pressure or suction service.

Construction:

Tube: White Chemivic™ synthetic rubber (FDA/USDA compliant and conforms to 3-A sanitary standard 18-03)
Cover: Corrugated Green EPDM synthetic rubber (wrapped impression)
Reinforcement: Two spiral-ply synthetic fabric with double galvanized helix

Safety Factor: 4:1

Temperature Range: -25°F to 230°F (-31°C to 110°C)

Sizes	ID mm	OD mm	Wt (lb/ft)	WP psi	BP psi
1-1/2"	38.1	49.8	0.84	250	1000
2"	50.8	62.8	1.12	250	1000

