



FOOD & BEVERAGE

**COMPLETE HOSE &
ACCESSORY SOLUTIONS**



FOOD & BEVERAGE RANGE

Abdex provides a range of advanced solutions for the food and beverage industry. With a strong focus on hygiene and safety, we offer an innovative range of products including hoses, hygienic fittings & accessories that ensure the highest standards of cleanliness and protection. From manufacturing facilities to food processing plants, Abdex Food and Beverage Solutions offers the peace of mind and reliability that businesses in the industry require to maintain optimal hygiene and safety standards.



IN THIS SECTION

[Microban Technology](#)

[Hoses](#)

[Hygienic Fittings](#)

[Accessories](#)

Food & Beverage Hoses

Extremeflex - Red



Applications

Highly flexible food grade transfer hose, for oily and non oily edibles.

Features

- **Tube:** White Chlorobutyl rubber
- **Meets:** FDA, USDA & 3-A Sanitary Standard
- **Cover:** Red Chemivic Corrugated with Microban®
- **Reinforcement:** Spiral-piled fabrics with double galvanised helix wire
- **Temperature:** -34°C to 104°C
- **Made in USA**

#	Ø		Ø	Pressure		Kg	mm
	inch	mm		psi	MPa		
20776605	1	25.4	38.70	250	1.72	0.69	51
20762754	1-1/2	38.1	51.60	250	1.72	1.38	76
20752524	2	50.8	64.50	250	1.72	1.80	102
20762758	3	76.20	91.50	250	1.72	3.02	152
20762760	4	101.60	117.00	250	1.72	4.12	203

Extremeflex - Blue



Applications

Highly flexible food grade transfer hose, for oily and non oily edibles.

Features

- **Tube:** White Chlorobutyl rubber
- **Meets:** FDA, USDA & 3-A Sanitary Standard
- **Cover:** Blue Chemivic Corrugated with Microban®
- **Reinforcement:** Spiral-piled fabrics with galvanised helix wire
- **Temperature:** -34°C to 104°C
- **Made in USA**

#	Ø		Ø	Pressure		Kg	mm
	inch	mm		psi	MPa		
0757200	1	25.4	37.0	150	1.0	0.88	25
0757202	1 1/4	31.75	43.5	150	1.0	0.94	32
0757204	1 1/2	38.10	49.3	150	1.0	1.15	38
0757206	2	50.80	62.0	150	1.0	1.48	51
0757208	2 1/2	63.50	77.5	150	1.0	2.38	63
0757210	3	76.20	89.9	150	1.0	2.79	76

Vintner



Applications

For handline in-plant and/or tank transfer of wine, beer, portable water and other non-oily foodstuffs.

Features

- **Tube:** White Chlorobutyl rubber
- **Meets:** FDA, USDA & 3-A Sanitary Standard
- **Cover:** Corrugated red EPDM with Microban®
- **Reinforcement:** Spiral-piled fabrics with double galvanised helix wire
- **Temperature:** -34°C to 104°C
- **Made in USA**

#	Ø		Ø	Pressure		Kg	mm
	inch	mm		psi	MPa		
20991699	1	25.4	41.10	250	1.72	1.06	76.0
20992570	1 1/2	38.1	53.60	250	1.72	1.46	102.0
20992571	2	50.8	68.10	250	1.72	2.05	178.0
20992572	2 1/2	63.5	81.50	250	1.72	2.65	254.0
20020365	3	76.2	96.80	250	1.72	4.17	305.0

Food & Beverage Hoses

Fortress® 300



Applications

Washdown service in food processing plants, dairies, packing houses, bottling plants, breweries and creameries.

Features

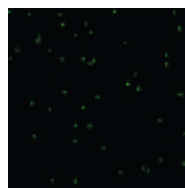
- **Tube:** Nitrile Synthetic Rubber
- **Meets:** FDA, USDA & 3-A Sanitary Standard
- **Cover:** Carbryn Synthetic Rubber with Microban®
- **Reinforcement:** Spiral Synthetic Yarn
- **Temperature:** -29°C to 99°C
- **Colours:** Yellow / Blue
- **Made in USA**

#	Ø		Ø	Pressure		Kg
	inch	mm		psi	MPa	
20189064	1/2	12.70	22.80	300	2.07	0.45
20630248	5/8	15.80	26.90	300	2.07	0.62
20190318	3/4	19.10	30.20	300	2.07	0.65
20459020	1	25.40	38.10	300	2.07	0.95

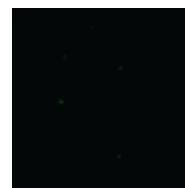


- Experience more protection and boost product safety.
- Guard against hose degradation and contamination.
- Prevent growth of bacteria, mold and mildew.
- Around-the-clock permanent antimicrobial product protection.
- Keep hoses cleaner between uses.

Surface with Microban®
Antimicrobial Protection

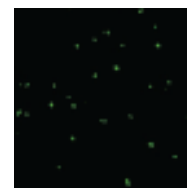


2 hours

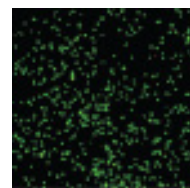


24 hours

Unprotected Surface



2 hours



24 hours

• Green indicates bacteria

NOTE

This information is based upon standard laboratory test and is provided for comparative purposes to substantiate antimicrobial activity for non-public health applications. MicroBan technology is not designed to replace good hygienic practices or protect users from disease causing microorganisms. Antimicrobial action is limited to product surface.

Food & Beverage Hoses

Steel Braided Hose








Applications

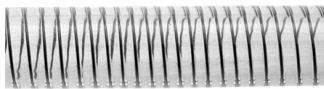
Braided hoses are versatile, suitable for various applications like water systems (heating/cooling), steam/condensate systems, and natural gas lines.

Features

- **Cover:** 316/304 Stainless Steel
- **Reinforcement:** Stainless Steel Armor
- **Temperature:** -40°C to 700°C

#								
	inch	mm		psi	MPa	lb./ft.	kg./m.	
20737962	1/2	12	20.6	150	1.03	0.21	0.31	48
20737963	5/8	16	25	100	0.69	0.31	0.46	64
20737964	3/4	19	28.6	100	0.69	0.34	0.51	76
20737965	1	25	34.9	84	0.58	0.45	0.67	100
20737966	1 1/4	32	44.5	84	0.58	0.70	1.04	128
20737967	1 1/2	38	50	84	0.58	0.90	1.34	152
20737968	2	50	63	70	0.48	1.10	1.64	200

Epflex Clear Suction








Applications

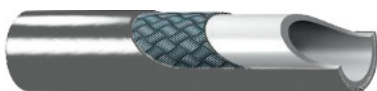
A versatile clear suction hose used in the conveyance of a wide range of food and beverage materials.

Features

- **Tube:** Clear PVC
- **Meets:** FDA, USDA & 3-A Sanitary Standard
- **Cover:** Clear PVC
- **Reinforcement:** Spiral-piled fabrics with double galvanised helix wire
- **Temperature:** -7°C to 66°C

#								
	inch	mm		psi	MPa	kg./m.	mm	
20737962	1/2	12	20.6	150	1.03	0.31	48	
20737963	5/8	16	25	100	0.69	0.46	64	
20737964	3/4	19	28.6	100	0.69	0.51	76	
20737965	1	25	34.9	84	0.58	0.67	100	
20737966	1 1/4	32	44.5	84	0.58	1.04	128	
20737967	1 1/2	38	50	84	0.58	1.34	152	
20737968	2	50	63	70	0.48	1.64	200	

328-3 / 2030TU








Applications

High pressure service for use with high pressure CO2 (2030TU) and Nitrogen (328-3) gas. Specifically used in the beverage dispense industry.

Features

- **Tube:** TEEE.
- **Meets:** FDA, USDA & 3-A Sanitary Standard
- **Cover:** TPU Black Pinpricked
- **Reinforcement:** One braided layer of high tensile aramid fibre.
- **Temperature:** -40°C to 100°C

#								
	inch	mm		bar	psi	bar	psi	
328-3	3/16	4.7	9.0	345	5,000	1,400	20,000	0.051
2030TU	3/16	4.8	9.0	210	3,000	1,840	12,000	0.09





HYGIENIC FITTINGS



SMS – SWEDISH

The SMS union is the Swedish standard hygienic fitting. It can be recognised by the round slotted nut and square section joint ring.



REDUCERS

Stainless steel concentric clamp reducers allow for the connection of tubing of various sizes. Available in 304 and 316 stainless steel alloys.



BSM

BSM MALE 4825 Part:5
Stainless Steel Hygienic
CIP Crimp Stem



TRI CLOVER

Stainless steel Tri-clamp fittings are a sanitary and clamped connection for hygienic tube. Often used in commercial brewery and winery applications, they are connections sealed usually by an EPDM seal



Accessories



DINGA Water Gun

The DINGA water-saving gun of ContiTech Schlauch GmbH is extremely robust and has a long service life due to its high quality brass/stainless steel design.



RB65

The RB65 low flow is a heavy duty hot water wash down gun with built in swivel inlet. Suitable for wash down in factories, commercial kitchens or any industrial area in need of wash down.



M70-Series

The M-70 features all bronze construction, a replaceable heavy-duty rubber cover, stainless steel seat design to prevent leakage, and instant water shut-off when the trigger is released.



FLUID TRANSFER TECHNOLOGY

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