

All "S-Series" products meet or exceed **USP Class VI & FDA Criteria** Manufactured from high purity, platinum cured resin and fully traceable. Extractable & Leachable documentation available upon request.

SXW X-tremely Flexible, Wire Reinforced



SXW with low force-to-bend characteristics is an **X-tremely flexible** suction and delivery hose. Our phthalates free tubes are ideal for pharmaceutical, cosmetic and food products transfer. (Meets 3A*, USDA, FDA and USP Class VI standards).

This **High Purity Silicone** hose is manufactured to the longest length in the industry (130 feet).

Striking a balance between flexibility and strength, **SXW** is reinforced with 316L stainless steel wire.

MODEL	I.D.	O.D.	WORKING PRESSURE	MIN. BEND RADIUS	WEIGHT PER FT.	VAC. IN HG.	LENGTH
SXW050	1/2"	.94"	150 PSI	1.5"	0.31 lbs.	28"	130'
SXW075	3/4"	1.18"	150 PSI	2.0"	0.40 lbs.	28"	130'
SXW100	1"	1.42"	150 PSI	2.5"	0.49 lbs.	28"	130'
SXW125	1 1/4"	1.69"	137 PSI	3.5"	0.65 lbs.	28"	130'
SXW150	1 1/2"	2.00"	125 PSI	4.5"	0.81 lbs.	28"	130'
SXW200	2"	2.52"	110 PSI	5.5"	1.05 lbs.	28"	130'
SXW250	2 1/2"	3.09"	85 PSI	7.0"	1.55 lbs.	28"	130'
SXW300	3"	3.58"	70 PSI	9.0"	1.82 lbs.	28"	130'
SXW400	4"	4.61"	50 PSI	14.5"	2.38 lbs.	28"	130'

TUBE FDA, 3-A*, USP Class VI silicone - Platinum cured
REINFORCEMENT 4 ply polyester fabric w/316L stainless steel wire helix
RECOMMENDED CLEANING CIP, SIP, Autoclave

COVER White translucent (colors available)
TEMP. RANGE -100 to 395° F

SXD Fabric Reinforced Discharge



SXD like the SXW, is extremely easy to handle. Reinforced with four fabric layers ensures a balance between strength and lightness. Specially designed for **bulk transfer**, high-pressure, and light vacuum process applications. (Meets 3A*, USDA, FDA and USP Class VI standards). Short lengths are ideal for proportioning and load cells.

MODEL	I.D.	O.D.	WORKING PRESSURE	MIN. BEND RADIUS	WEIGHT PER FT.	VAC. IN HG.	LENGTH
SXD050	1/2"	1.00"	150 PSI	8.0"	0.27 lbs.	26"	130'
SXD075	3/4"	1.22"	150 PSI	10.0"	0.37 lbs.	22"	130'
SXD100	1"	1.46"	125 PSI	12.0"	0.46 lbs.	18"	130'
SXD150	1 1/2"	1.97"	85 PSI	-	0.64 lbs.	12"	130'
SXD200	2"	2.48"	70 PSI	-	0.83 lbs.	8"	130'
SXD250	2 1/2"	3.01"	60 PSI	-	1.13 lbs.	6"	130'
SXD300	3"	3.50"	45 PSI	-	1.33 lbs.	4"	130'

TUBE FDA, 3-A*, USP Class VI silicone - Platinum cured
REINFORCEMENT 4 ply polyester fabric
RECOMMENDED CLEANING CIP, SIP, Autoclave

COVER White translucent (colors available)
TEMP. RANGE -100 to 395° F

SSD Single Braid Discharge



A polyester braid reinforced silicone hose, processed with pharmaceutical grade elastomer, designed for mid-range pressures. Manufactured using reinforced polyester braid. Resists weathering and temperature extremes. (Meets 3A*, USDA, FDA and USP Class VI standards).

MODEL	I.D.	O.D.	WORKING PRESSURE	MIN. BEND RADIUS	WEIGHT PER FT.	VAC. IN HG.	LENGTH
SSD025	1/4"	.52"	140 PSI	1.0"	0.09 lbs.	-	50'
SSD037	3/8"	.66"	135 PSI	1.5"	0.13 lbs.	-	50'
SSD050	1/2"	.80"	100 PSI	3.0"	0.18 lbs.	-	50'
SSD062	5/8"	.97"	100 PSI	3.5"	0.22 lbs.	-	50'
SSD075	3/4"	1.10"	90 PSI	4.0"	0.26 lbs.	-	50'
SSD100	1"	1.36"	60 PSI	6.0"	0.31 lbs.	-	50'

TUBE FDA, 3-A*, USP Class VI silicone - Platinum cured
REINFORCEMENT Single ply polyester braid
RECOMMENDED CLEANING CIP, SIP, Autoclave

COVER White translucent
TEMP. RANGE -100 to 395° F

For quickest response,
 send ALL request for quotes
 and purchase orders to:
sales@acesanitary.com

ALL S-Series Products meet/comply: USP VI, USDA Class III requirements, FDA CFR Title 21 177.2600, 3-A 18-03

*The 3-A 62-02, standard applies only to assemblies of 3/4" diameter and larger.

WARNING: Working pressure ratings for all Flex-Rite™ Products are based on 70° F (ambient temperature). Working pressure and vacuum ratings will decrease as temperatures increase. For "S" series applications that exceed 250° F contact manufacturer for suggestions.

SDB Double Braided Discharge



This high-pressure, silicone, double braided, non-metallic hose can be autoclaved, irradiated or sterilized by ethylene oxide gas. (Meets 3A*, USDA, FDA and USP Class VI standards). Designed to resist weathering and temperature extremes.

MODEL	I.D.	O.D.	WORKING PRESSURE	MIN. BEND RADIUS	WEIGHT PER FT.	VAC. IN HG.	LENGTH
SDB050	1/2"	.94"	150 PSI	6.0"	0.27 lbs.	-	50'
SDB075	3/4"	1.25"	150 PSI	7.5"	0.44 lbs.	-	50'
SDB100	1"	1.47"	125 PSI	8.0"	0.47 lbs.	-	50'

TUBE FDA, 3-A*, USP Class VI silicone - Platinum cured
REINFORCEMENT 4 ply polyester fabric
RECOMMENDED CLEANING CIP, SIP, Autoclave

COVER Solid white
TEMP. RANGE -100 to 395° F

SHF/SMW Wire Reinforced



A **highly flexible** hose that is especially easy to handle. A silicone hose reinforced with stainless steel wire. Designed for bulk transfer, high pressure, and vacuum process applications. (Meets 3A*, USDA, FDA and USP Class VI standards). Manufactured in a clean room environment and contains medical-grade platinum-cured silicone throughout. Ideal for proportioning and load cells.

MODEL	I.D.	O.D.	WORKING PRESSURE	MIN. BEND RADIUS	WEIGHT PER FT.	VAC. IN HG.	LENGTH
SHF/SMW050	1/2"	.94"	200 PSI	2.0"	0.30 lbs.	29"	24'
SHF/SMW075	3/4"	1.18"	200 PSI	2.5"	0.40 lbs.	29"	24'
SHF/SMW100	1"	1.46"	175 PSI	3.5"	0.53 lbs.	29"	24'
SHF/SMW150	1 1/2"	1.93"	175 PSI	5.5"	0.67 lbs.	29"	24'
SHF/SMW200	2"	2.44"	150 PSI	6.5"	0.88 lbs.	29"	24'

Call factory for sizes above 2 inches.

TUBE FDA, 3-A*, USP Class VI silicone - Platinum cured
REINFORCEMENT 4 ply polyester fabric stainless steel wire
RECOMMENDED CLEANING CIP, SIP, Autoclave

COVER White translucent
TEMP. RANGE -100 to 395° F

SMD Multi-ply Discharge



A 4-ply, fabric reinforced hose designed for higher pressure applications. the inner diameter is a continuous extruded bore to ensure maximum smoothness and purity. (Meets 3A*,USDA, FDA and USP Class VI standards).

MODEL	I.D.	O.D.	WORKING PRESSURE	MIN. BEND RADIUS	WEIGHT PER FT.	VAC. IN HG.	LENGTH
SMD050	1/2"	.88"	150 PSI	3.0"	0.21 lbs.	27"	24'
SMD075	3/4"	1.13"	150 PSI	4.0"	0.28 lbs.	24"	24'
SMD100	1"	1.38"	150 PSI	7.0"	0.38 lbs.	20"	24'
SMD150	1 1/2"	1.88"	100 PSI	12.0"	0.47 lbs.	17"	24'
SMD200	2"	2.38"	100 PSI	30.0"	0.60 lbs.	14"	24'

TUBE FDA, 3-A*, USP Class VI silicone - Platinum cured
REINFORCEMENT 4 ply polyester fabric
RECOMMENDED CLEANING CIP, SIP, Autoclave

COVER White translucent
TEMP. RANGE -100 to 395° F

SCT Non-reinforced Tubing (see page 12)

Traceability Solution...

for Silicone or Silicone covered hoses.

- Permanently Attached, No Product Contact
- Completely Sealed, Easy to Read Text
- Autoclavable, CIP & SIP Compatible
- Label Contains Custom Information as Needed
- Quick Turn-around with Customized Text Available

SML Molded Labels



ALL S-Series Products meet/comply: USP VI, USDA Class III requirements, FDA CFR Title 21 177.2600, 3-A 18-03

*The 3-A 62-02, standard applies only to assemblies of 3/4" diameter and larger.

WARNING: Working pressure ratings for all Flex-Rite™ Products are based on 70° F (ambient temperature).

Working pressure and vacuum ratings will decrease as temperatures increase. For "S" series applications that exceed 250° F contact manufacturer for suggestions.