

The image features a blue quilted mat in the foreground, resting on a grey mesh mat. A yellow diagonal stripe is visible on the right side of the image. The text 'Flow Smart' is written in a yellow, cursive font, with 'INC.' in a smaller, sans-serif font below it.

Flow Smart
INC.

ASTW

Wire Reinforced Silicone Hose

FEATURES:

- Higher pressure and vacuum applications
- Sterilizable
- Autoclavable
- Extremely durable
- 12ft., 24ft. and custom lengths available.
- USP CI VI (88) biological reactivity, in vivo
- USP CI VI (87) biological reactivity, in vitro
- FDA CFR 177.2600
- European Pharmacopoeia 3.1.9
- Full Extractables Available



ASTW - Stainless steel wire and 4-ply fabric reinforced hose. Inside diameter is a continuously extruded platinum cured silicone bore to ensure maximum smoothness and purity. Designed for higher pressure and vacuum applications. Smooth outer cover facilitates cleaning procedures. Temperature range from -100°F to 400°F.

ASFH

Fabric Reinforced Silicone Hose

FEATURES:

- Higher pressure applications
- Sterilizable
- Autoclavable
- Extremely durable
- 12ft., 24ft. and custom lengths available.



ASFH - Fabric reinforced hose designed for higher pressure applications. The inner diameter is a continuous extrude platinum silicone bore to ensure maximum smoothness and purity. Temperature range from -100°F to 400°F.

ASTR & ASTR-HD

Silicone Platinum Cured Single & Double Braided Reinforced Hose

FEATURES:

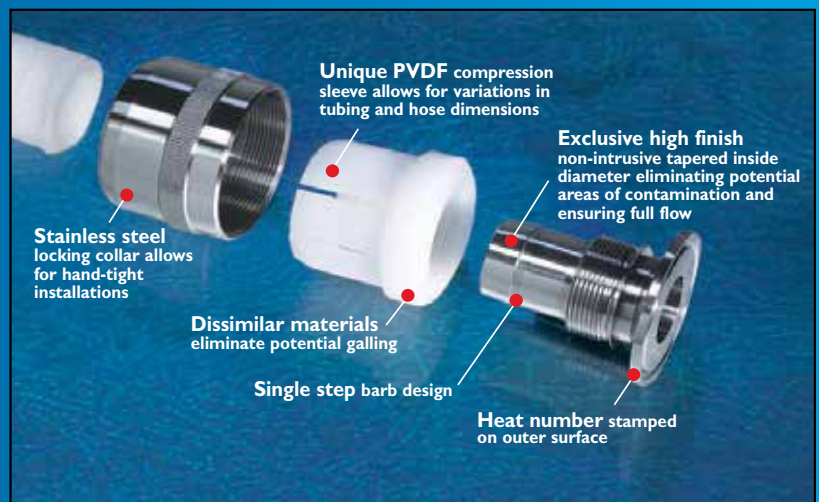
- Higher pressure applications
- Very flexible
- Autoclavable
- Color coding available
- Available in 25ft., 50ft. and custom lengths



ASTR & ASTR-HD - Braided reinforced silicone hose, designed for higher system pressure. Processed with a platinum cured silicone with higher durometer elastomer for higher pressure applications. Temperature range from -100°F to 400°F.

REUSABLE CONNECTORS & METALIC FITTINGS

Part Number	TUBING HOSE	END FITTING
MRDN-6	1/4 I.D.	Mini TC
MRDN-8	3/8 I.D.	Mini/1 TC
MRDN10	1/2 I.D.	Mini/1 TC
MRDN15	3/4 I.D.	1 TC
MRDN20	1 I.D.	1 TC
MRDN25	1 1/4 I.D.	1 1/2 TC
MRDN38	1 1/2 I.D.	1 1/2 TC
MRDN40	2 I.D.	2 TC



Reusable end fitting systems provide a complete reusable fitting with your choice of end connection. Constructed with a 316 stainless steel body with PVDF compression sleeve that can be applied to a variety of tubing and hose sizes. No tool required for assembly. We also offer a unique and comprehensive selection of 316 stainless steel fittings that are crimped in place. All fittings have internal surface finishes that exceed 3A requirements.

WIRE REINFORCED SILICONE HOSE

Part Number 24" Length	Part Number 12" Length	Part Number Custom Length	I.D.	O.D.	Wkg Press PSI@68°F	Wall Thickness	Min. Bend Radius In.	Vacuum Rating in Hg.	Min. Burst PSI@68°F
ASTW-0500-A	ASTW-0500-B	ASTW-0500-C	.500	.88	200	.190	3.00	30	800
ASTW-0750-A	ASTW-0750-B	ASTW-0750-C	.750	1.13	200	.190	5.00	30	800
ASTW-1000-A	ASTW-1000-B	ASTW-1000-C	1.00	1.36	200	.190	7.00	30	800
ASTW-1500-A	ASTW-1500-B	ASTW-1500-C	1.50	1.88	200	.190	9.00	30	500
ASTW-2000-A	ASTW-2000-B	ASTW-2000-C	2.00	2.38	125	.190	11.00	30	400
ASTW-2500-A	ASTW-2500-B	ASTW-2500-C	2.50	2.88	125	.190	12.00	30	350
ASTW-3000-A	ASTW-3000-B	ASTW-3000-C	3.00	3.38	125	.190	14.00	30	350
ASTW-4000-A	ASTW-4000-B	ASTW-4000-C	4.00	4.38	125	.190	C/F	30	C/F

FABRIC REINFORCED SILICONE HOSE

Part Number	I.D.	O.D.	Wkg Press PSI@68°F	Wall Thickness	Min. Bend Radius In.	Vacuum Rating In. Hg.
ASFH-0500	.500	.880	150	.190	3.00	.190
ASFH-0750	.750	1.130	140	.190	4.00	.190
ASFH-1000	1.00	1.380	125	.190	7.00	.190
ASFH-1500	1.50	1.880	100	.190	12.00	.190
ASFH-2000	2.00	2.380	75	.190	30.00	.190

SILICONE PLATINUM CURED SINGLE & DOUBLE BRAID REINFORCED SILICONE HOSE

Part Number	I.D. (inch)	O.D. (inch)	Wall (inch)	Min. Bend Radius (inch)	Min. Burst Pressure at 20°C (psi)
ASTR-0125	0.125	0.345	0.110	1.00	700
ASTR-0188	0.188	0.407	0.110	1.25	650
ASTR-0250	0.250	0.490	0.120	1.50	625
ASTR-0375	0.375	0.657	0.141	1.75	550
ASTR-0500	0.500	0.800	0.150	2.00	500
ASTR-0625	0.625	0.965	0.170	2.50	420
ASTR-0750	0.750	1.100	0.175	3.00	350
ASTR-0875	0.875	1.260	0.192	3.50	270
ASTR-1000	1.000	1.360	0.180	4.00	220
ASTR-1250	1.250	1.610	0.180	4.50	130

Approval
Meets or
Exceeds...

USP CLASS VI

FDA 21 CFR 177,
2600

EUROPEAN
PHARMACOPOEIA
3.1.9

Hose are available with in custom colors.
Please contact Flow Smart for information on pricing and availability