



# ***HIGH PURITY SILICONE HOSES***



# ***ASTW - Wire Reinforced Silicone Hose***



## ***Features***

- Higher pressure and vacuum applications
  - Sterilizable
  - Autoclavable
- Extremely durable

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.

- 12 and 24 ft custom lengths available.

# ***ASFH - Fabric Reinforced Silicone Hose***

## ***Features***

- Higher pressure applications
  - Very flexible
  - Lightweight
  - Non-Metallic
  - Sterilizable
  - Autoclavable
- 12 and 24 ft 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 25 and 50 ft lengths

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



## ***Reusable Connectors & Metallic Fittings***

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	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	.500	.860	200	.190	3.00	30	800
ASTW-0750	.750	1.110	200	.190	5.00	30	800
ASTW-1000	1.00	1.360	150	.190	7.00	30	800
ASTW-1500	1.50	1.860	125	.190	9.00	30	500
ASTW-2000	2.00	2.360	100	.190	11.00	30	400
ASTW-2500	2.50	2.860	80	.190	12.00	30	350
ASTW-3000	3.00	3.360	80	.190	14.00	30	350
ASTW- 4000	4.00	4.360	C/F	.190	C/F	C/F	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	29
ASFH-0750	.750	1.130	140	.190	4.00	22
ASFH-1000	1.00	1.380	125	.190	7.00	20
ASFH-1500	1.50	1.880	100	.190	12.00	15
ASFH-2000	2.00	2.380	75	.190	30.00	12

## **Silicone Platinum Cured Single & Double Braid Reinforced Hose**

Part Number	I.D.	O.D.	Working Pressure PSI	Wall Thickness	Min. Bend Radius	Min. Burst PSI
ASTR-125-065	0.125	0.375	175	0.12	CF	700
ASTR-188-065	0.188	0.462	170	0.13	CF	650
ASTR-250-065	0.250	0.500	140	0.125	1.00	550
ASTR-375-065	0.375	0.625	135	0.125	1.50	550
ASTR-500-065	0.500	0.875	105	0.187	3.00	420
ASTR-500A-065	0.500	0.800	100	0.150	2.00	400
ASTR-625-065	0.625	0.990	98	0.170	3.00	392
ASTR-750-065	0.750	1.125	90	0.175	4.00	360
ASTR-875-065	0.875	1.260	65	0.180	5.00	260
ASTR-1000-065	1.000	1.450	60	0.190	6.00	240
ASTR-500HD-065	0.500	0.890	150	0.195	6.00	600
ASTR-750HD-065	0.750	1.180	185	0.215	7.50	750
ASTR-1000HD-065	1.000	1.430	125	0.215	5.00	500

**Approvals - Meets or Exceeds . . .**

- **USP CLASS VI •  STANDARDS • FDA 21 CFR 177 , 2600**
- **EUROPEAN PHARMACOPOEIA 3.1.9**

FLOW SMART INC. • 103 DAVIS DRIVE. • SEAFORD, DE 19973

phone: 302-536-6388 fax: 302-628-9032 • solutions@flowsmartinc.com • www.flowsmartinc.com

11/2010