

# SBT & SBTF Braided Hose

**Inner core:** Smooth *Teflon*® PTFE  
**Reinforcement:** 300-series ss braid  
**Temperature:** -20 °F to 350 °F

## Construction

Extra-thick, natural or conductive smooth bore *Teflon*® PTFE liner braided with 300-series stainless steel heavy gauge wire (1" and 1-1/2" are double-braided for extra kink resistance).

## Benefits

- Provides higher working temperatures and full vacuum capabilities
- Heavy gauge stainless steel braid is corrosion resistant against most chemicals
- Flanged assemblies can be "Flared Thru" providing no bacteria traps
- Available in long lengths
- "True ID" for superior flow characteristics and easy dimensional matchup

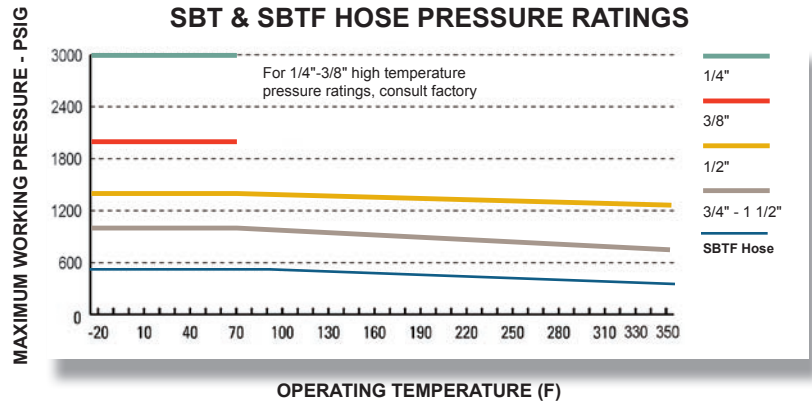
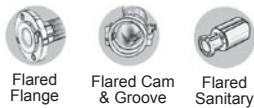
## Applications

Designed for applications requiring a true smooth inner bore for improved flow and which is easily cleaned in place. Excellent in static applications where handling, flexing or abuse is minimal.

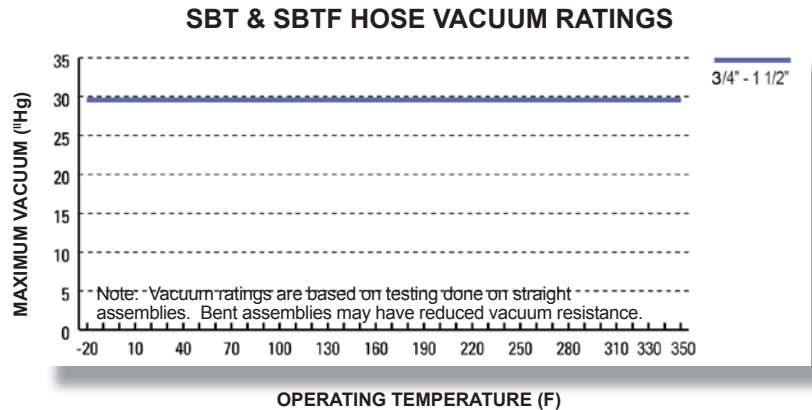
## Fittings: Crimp Style



## Fittings: Flared Thru Style



NOTE: Hose assembly pressure ratings may be limited by the fittings.



Note: Vacuum ratings are based on testing done on straight assemblies. Bent assemblies may have reduced vacuum resistance.

SBT

Nominal Size		Hose ID		Hose OD		Bend Radius		Max. Working Pressure at 70°F (21°C)		Burst Pressure at 70°F (21°C)		Weight Lbs / Ft
Inch	DN	Inch	MM	Inch	MM	Inch	MM	PSIG	BAR	PSIG	BAR	
1/4	8	0.250	6.3	.375	9.5	3	50.8	3000	207	12000	828	.07
3/8	10	0.375	9.5	.515	13	5	127	2000	138	8000	552	.11
1/2	15	0.500	12.7	0.633	16.1	6.5	165.1	1425	98.2	5700	393	.16
3/4	20	0.750	19.1	0.875	22.2	8.2	208.3	1000	68.9	4000	275.8	.20
1	25	1.000	25.4	1.190	30.2	12	304.8	1000	68.9	4000	275.8	.50
1-1/2	40	1.500	38.1	1.762	44.8	20	355.6	1000	68.9	4000	275.8	.92

SBTF

Nominal Size		Hose ID		Hose OD		Bend Radius		Max. Working Pressure at 70°F (21°C)		Burst Pressure at 70°F (21°C)		Weight Lbs / Ft
Inch	DN	Inch	MM	Inch	MM	Inch	MM	PSIG	BAR	PSIG	BAR	
3/4	20	0.750	19.1	.875	22.2	8.2	208.3	275	18.9	1100	75.8	.20
1	25	1.000	25.4	1.190	30.2	12	304.8	275	18.9	1100	75.8	.50
1-1/2*	40	1.500	38.1	1.762	44.8	18	355.6	275	18.9	1100	75.8	.92

Note: \* 1-1/2" Flared Thru assemblies may have reduced nominal size - Consult factory