

# FlexRite™



## TSC & TSC-C

TSC hose shown with SML Molded Label

## ...flexible, silicone covered smooth bore

**TSC** is a silicone covered, PTFE lined hose with exterior convolutions and a smooth, undulating bore which provides extreme flexibility. Exceptional for High Purity use in Pharmaceutical, Biotech and Foodstuffs industries. This hose will not impart taste or odor to products being transferred and provides cleaning ease both inside and out. TSC is excellent for use in hot oil or low velocity steam transfer applications.

**TSC-C**, while similar, has a carbon filled tube for safety purposes. This hose is recommended for steam applications or volatile media transfer where static build up is a concern.

### Features:

- Extreme Flexibility
- Easy Cleaning, Inside & Out
- Imparts No Odor or Taste
- NO Static Build Up (TSC-C)
- Lighter than Similar Products

### Applications:

- Volatile Media Transfer
- Food & Beverage
- Biotech Industry
- Pharmaceutical Utilities
- Hot Oil Transfer
- Low Velocity Transfer

All "T-Series" hose meet **USP Class VI & FDA Criteria** - ALL liners are **extra thick** to provide better flex life and less permeation. **Anti-static** tube option available.

MODEL	I.D.	O.D.	WORKING PRESSURE	MIN. BEND RADIUS	WEIGHT PER FT.	VAC. IN HG.	LENGTH
TSC-C025	1/4"	.46"	1100 PSI	.07"	.12 lbs.	29"	50'
TSC-C037	3/8"	.61"	1000 PSI	1.0"	.14 lbs.	29"	50'
TSC-C050	1/2"	.84"	870 PSI	1.5"	.25 lbs.	29"	50'
TSC-C075	3/4"	1.12"	650 PSI	2.5"	.42 lbs.	29"	50'
TSC-C100	1"	1.45"	580 PSI	4.0"	.57 lbs.	29"	50'
TSC-C150	1 1/2"	2.03"	430 PSI	6.7"	1.14 lbs.	29"	50'
TSC-C200	2"	2.56"	400 PSI	8.2"	1.58 lbs.	29"	50'
TSC-C250	2 1/2"	3.17"	290 PSI	11.8"	2.41 lbs.	29"	50'
TSC-C300	3"	3.65"	220 PSI	13.8"	2.96 lbs.	29"	50'

**TUBE** PTFE (Carbon Filled), Static Conductive, 3-A\*, **USP Class VI & FDA Criteria**  
**REINFORCEMENT** 316L Stainless Steel  
**RECOMMENDED CLEANING** CIP, SIP, Autoclave

**COVER** White, Platinum Cured Silicone  
**TEMP. RANGE** -100 to 400° F  
**MOLDED SML** Molded Labels pg 23



TSC/TSC-C has a PTFE hose Conformity liner tube, manufactured from PTFE material in accordance with FDA requirement 21 CFR 177.1550 and is also manufactured solely from materials which meet the requirements of the 3-A Sanitary Standards. Although the tubes interior surface meets the 3-A definition of (substantially flush) a micro ripple occurs during the compression molding process.

TSC/TSC-C has been tested and the PTFE liners comply with USP Class VI, including the Elution (Cytotoxicity) test. Hose tested with 304 SS wire braid and a Platinum Cured white silicone cover (Post-cured 4 hours at 200°C in accordance with requirements for USP Class VI). The Silicone Rubber material is in accordance with FDA requirement CFR-177-2600. ATEX - Attestations of Conformity and Labeling are available for the hose and hose assemblies

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

