

# Flex-Rite™



## TCB "Braided Convoluted" TCB-C PTFE

### ...provides for a tighter bend

TCB is wrapped with stainless steel wire braid that provides a kink resistant hose. TCB is easy to flex and has a tighter bend radii than smooth bore. Seamless PTFE open-pitched, helical convolutions provide for easy cleaning and transport of chemicals, pharmaceuticals, food & beverages.

#### Features:

- Kink Resistant
- Corrosion Resistant
- Easy to Flex
- Steady Flow
- Easy Cleaning

#### Applications:

- Pharmaceuticals
- Transport
- Chemicals
- Food
- Beverages
- Fragrances
- Corrosive & Hazardous Media

TCB-C addresses *Static Electric* concerns. A PTFE conductive liner with a carbon rich inner contact surface capable of conducting 1,000 microamps of current (1 milliamp) when 1000 volts (DC) or less is applied to the surface. The carbon is a **high purity furnace black** and meets FDA 21 CFR 178.3297

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.

MODEL	I.D.	O.D.	WORKING PRESSURE	MIN. BEND RADIUS	WEIGHT PER FT.	VAC. IN HG.*	LENGTH
TCB050	1/2"	.75"	1425 PSI	2.0"	.19 lbs.	25"	50'
TCB075	3/4"	1.05"	1300 PSI	2.7"	.29 lbs.	25"	50'
TCB100	1"	1.35"	1100 PSI	4.0"	.51 lbs.	25"	50'
TCB150	1-1/2"	2.03"	700 PSI	6.0"	.81 lbs.	25"	50'
TCB200	2"	2.46"	525 PSI	7.5"	1.00 lbs.	25"	50'
TCB300	3"	3.70"	350 PSI	14.0"	1.26 lbs.	26.19"	50'
TCB400	4"	5.00"	275 PSI	16.0"	2.64 lbs.	26.19"	50'

TUBE PTFE Unpigmented, USP Class VI & FDA Criteria  
RECOMMENDED CLEANING CIP, SIP, Autoclave

COVER Stainless Steel braid  
TEMP. RANGE -20 to 425° F



TCB

TCB-C



MODEL	I.D.	O.D.	WORKING PRESSURE	MIN. BEND RADIUS	WEIGHT PER FT.	VAC. IN HG.*	LENGTH
TCB-C050	1/2"	.75"	1425 PSI	2.0"	.19 lbs.	25"	50'
TCB-C075	3/4"	1.05"	1300 PSI	2.7"	.29 lbs.	25"	50'
TCB-C100	1"	1.35"	1100 PSI	4.0"	.51 lbs.	25"	50'
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Hose Cover Options Available

\*For higher vacuum requirements, please contact the factory

