

# BrewFlow™

Performance Engineered Brewery and Distillery Hose

ZERO TASTE, ZERO ODOR  
PHTHALATE & PVC FREE  
KINK RESISTANT  
ULTRA SANITARY TPE

**BrewFlow tubing is engineered specifically for the Craft Beverage Industry. Whether Craft Brewing, Distilling, or Wine Making, Techflex® Tubing designed a line of tubing based on requests from craft producers all over the industry. The result is the most advanced craft beverage tubing on the market.**

## **BrewFlow™ Copper**

Techflex® BrewFlow is a co-extruded tubing constructed of a medical grade thermoplastic elastomer offering the flexibility and elasticity of rubber with the performance of silicone. The highly kink proof and compression resistance outer wall maintains flexibility in the cold temperatures while our ultra-white liner material provides ultimate chemical resistance with virtually no odor. It is also highly resistant to industry sanitation chemicals.

## **BrewFlow™ Clear**

Based on material used by the commercial brewing industry, Techflex® BrewFlow Clear tubing offers many of the same features as our BrewFlow Copper in a translucent, highly flexible tube. BrewFlow Clear is clear like PVC but is made of advanced polymer. With super low oxygen permeation and the amber tinting, you can see how BrewFlow Clear was born in commercial brewing.

**Please request BrewFlow™ tubing by name.  
We guarantee your complete satisfaction.**



## Applications

Craft Beverage/Fermentation/Distilling Transfer  
(Transfer/Vacuum/Pressure)

## Features BrewFlow Clear

Clean TPE with Superior Barrier Properties (PVC Free)

Superior Taste/Odor Performance

Low Oxygen Transfer

Over 30% Lighter than Silicone and Other Products

As Flexible as Silicone

Excellent Kink and Compression Resistance

Extreme Flexibility in Sub Zero Conditions

Highly Stain Resistant

Superior Tear and Abrasion Resistance

Highly Resistant to Alcohol, Acids, and Bases

Phthalate Free / Animal Derived Ingredient Free

Will Pass NSF

## Features BrewFlow Copper

Lined FDA Grade TPE

Phthalate Free/Animal Derived Ingredient Free

Superior Taste/Odor Performance

Low Oxygen Transfer - 50% Less Than Silicone

Over 30% Lighter than Silicone and Other Products

As Flexible as Silicone

Excellent Kink and Compression Resistance

Highly Stain Resistant

Superior Tear and Abrasion Resistance

Highly Resistant to Alcohol, Acids, and Bases

Long Performance Life

Excellent Temperature Protection

## Packaging

100' Sanitary Sealed Coils

Custom Packaging Available upon Request

## Sterilization

Clean in Place (CIP)

Clean Out of Place (COP)

## Sizing Chart, BrewFlow Clear & Copper

Part Number	Description	ID	OD	Wall
TT-BFL0.375-0.625*	Craft Beverage Transfer Tubing, 30.5m' Coil	9.5mm	15.9mm	3.2mm
TT-BFL0.500-0.750*	Craft Beverage Transfer Tubing, 30.5m' Coil	12.7mm	19.1mm	3.2mm
TT-BFL0.562-0.936*	Craft Beverage Transfer Tubing, 30.5m' Coil	14.3mm	23.8mm	4.7mm
TT-BFL0.625-1.000*	Craft Beverage Transfer Tubing, 30.5m' Coil	15.9mm	25.4mm	4.7mm
TT-BFL0.750-1.125*	Craft Beverage Transfer Tubing, 30.5m' Coil	19.1mm	28.4mm	4.7mm

\* Available Colors: Clear (CL) & Copper (CP)

## Additional Data

Specification	Value
Specific Gravity (ASTM D792)	0.89
Durometer, Shore A (5SEC.ASTM D2240)	69 (Clear), 64 (Copper)
Tensile Elongation at Break, psi (ASME D-412-98)	600 (Clear), 640 (Copper)
Tear Resistance lb-f/inch (D624-91 - Die B)	230 (Clear), 245 (Copper)
Abrasion Resistance, Mg. lost/1,000 cycles	1.2
Brittle Point (ASTM D-789)	-112°F/-80°C
Low Temp. Flex at -60°F/-51°C	Passed
Continuous Operating Temperature	180°F/82°C (Clear), 195°F/90°C (Copper)
Maximum Process Temperature	245°F/118°C (Clear), 275°F/135°C (Copper)
Working Pressure	86.4 @ 72°F/22°C
Burst	129.6 @ 72°F/22°C

## Oxygen Permeation BrewFlow Clear

Oxygen Transmission Rate (Wet)	ASTM F1927
74°F/23°C, 1000 µm, 35% RH	514 cm <sup>3</sup> /m <sup>2</sup> /24 hr
74°F/23°C, 1000 µm, 90% RH	491 cm <sup>3</sup> /m <sup>2</sup> /24 hr
Water Vapor Transmission Rate	ASTM F1249
100°F/38°C, 25 µm, 100% RH	1.3 g-mm/m <sup>2</sup> /atm/ 24 hr
100°F/38°C, 1000 µm, 100% RH	0.033 g-mm/m <sup>2</sup> /atm/ 24 hr

## Certifications

Phthalate-free  
 U.S. Pharmacopeia Class VI Certification  
 Cytotoxicity Criteria  
 CFR Title 21 Section 177.1810  
 REACH and RoHS compliant  
 Traceability: Lot and Batch  
 Animal Derived Ingredient Free

