



*Bulk CO<sub>2</sub> Systems*

# *Technical Service Bulletin*

**Component Change**

*TSB-BEV-1030*

**Date:** August 5, 2019

**Subject:** A new McDonald's vent line as well as a newly designed fill box panel.

**Products Affected:** The ½" vent line has changed from the 375 Series to the new 176 Series vent line. The 375 Series hose has been obsoleted by the manufacturer and is no longer available. The Chart Beverage System CO<sub>2</sub> McDonald's fill box panel has been redesigned, adding an additional ½" barb to the panel. There are no changes to the fill line or fill line connections.

**Description:** The McDonald's stainless steel fill box panel is a major component of a stationary bulk CO<sub>2</sub> fill and vent circuit. It includes the liquid CO<sub>2</sub> fill fitting and vent line termination fitting, which safely vents excess CO<sub>2</sub> gas outdoors. National and International Fire codes require materials used in vent and fill lines be rated for exposure to a low temperature of -109°F. Both the new 176 Series and current 375 Series vent lines meet the low temperature requirement. The new 176 Series vent line must be used with a barb style fitting and Oetiker style clamps.

The fill box design has changed to add an additional 1/2" barb fitting so that jurisdictions requiring additional vent circuits can utilize the new panel to satisfy their venting requirements.



Current McD Fill Box Panel



New McD Fill Box Panel

<b>New Fill Box Panel</b>	
20931785	Dual 1/2" Barb McD Panel

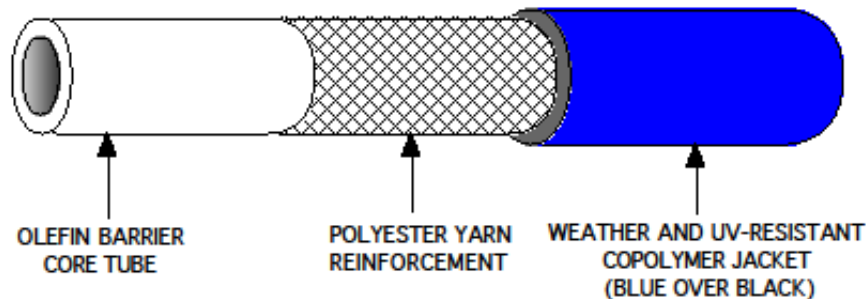
<b>New Hose Kits</b>	
20596399	McD Vent Hose 5'
20596400	McD Vent Hose 15'
20596401	McD Vent Hose 25'
20596402	McD Vent Hose 50'

**Contact:** If you have concerns or questions relative to this action, please contact your Chart Technical Service Representative at 1-800-247-4446. Thank you for depending on Chart for high product quality and service.

# 1/2" CO2 VENT HOSE

## ACCUFLEX SERIES 176V

"A LOW TEMPERATURE HOSE, DESIGNED FOR USE WITH BARBED INSERTS AND STEPLESS PINCH CLAMPS TO VENT EXCESS CARBON DIOXIDE GAS FROM ADEQUATELY REGULATED RELIEF VALVE ON BULK STORAGE SYSTEMS"



**Dimensions:** I.D. = 0.500" +/- 0.010"  
O.D. = 0.730" +/- 0.010"

**Pressure Capabilities:** - MAX. 300 PSIG WP @ 70F  
- MIN. 1200 PSIG BURST @ 70F

**Packaging:** 300 Foot Coils/Wrapped


**Material Performance:** SEE PRODUCT STANDARD

**Service Temperature Range:** -109.3°F (-78°C) to +140°F (+60°C)

**NOTE:** 1/2" size requires two 19.8 Oetiker Clamps

**Branding:** Black ink / 1" spacing between finish & start of next print line

ACCUFLEX 176V-08 1/2" ID 300 PSI MAX. W.P. / 4:1 S.F. TEMP RANGE -109°F TO +140°F MADE IN CANADA date/time code  
HOSE DESIGNED FOR THE OPEN ENDED VENTING OF PRESSURE REGULATED CO2 GAS

 ACCUFLEX INDUSTRIAL HOSE LTD. MANUFACTURERS OF HOSE AND TUBING	
DRAWN BY: K. DUNLOP	DRAWING SERIES:
DATE: JUNE 18, 2019	176V-08