



MVE Beverage Systems

Technical Service Bulletin

Component Change

Date:

September 25, 2002

Subject:

CO₂ Fill Hose

Products Affected:

All new MVE Bulk CO₂ Delivery Trucks and Replacement Fill Hoses

Description:

Beginning October 2002, MVE Restaurant Products is converting to the use and supply of a 2000 psi transfer hose on CO₂ delivery trucks. It replaces the 500 psi MAWP hose. The hose is installed on a reel inside the plumbing cabinet of the CO₂ delivery truck and is used to transfer liquid CO₂ from the transport vessel to the stationary vessel (i.e. Carbo-Charger, Carbo-Mizer, etc.) near the point of use.

Transfer hose is subjected to frequent and relatively harsh conditions of liquid CO₂ including rapid and extreme temperature changes. The purpose for this component change is to offer a stronger hose medium that is inert to the harsh conditions of the CO₂ fill process. The performance of the new hose has been extensively evaluated by Chart and was found to be unaffected by repeated CO₂ exposure. *As a matter of safety practice, the CO₂ delivery agent should be continually observant of hose condition over the course of delivery activities.*

The new hose is configured complete with fittings.

50 ft. Delivery Hose	New Part No. 11744275	Replaces Part No. 3711619
75 ft. Delivery Hose	New Part No. 11744267	Replaces Part No. 10473418

Specifications:

The hose consists of a seamless, thermoplastic inner tube composed of FDA and NSF 51 compliant resin. The inner tube is reinforced with one braid of synthetic fiber and covered with a smooth, abrasion resistant polyurethane sheath. The cover is colored gray and is pin-pricked for pneumatic service.

Transfer hose lay-line description: FDA 1/2" MVE LIQ CO2 WP 2000 PSI 138 BAR-84XXXX.

Hose Size	I.D. Nominal (Inches)	O.D. Nominal (Inches)	Min. Bend Radius (inches)	Min. Burst Pressure (PSI)	Max. Working Pressure (PSI)	Elongation @ Working Pressure	Weight Per 100 Feet (pounds)
8	1/2	.800	3	8,000	2,000	+2%	12.6

Chart's continuous attention to product improvement has resulted in this component change.

If you have concerns or questions relative to this action, please contact your Chart Technical Service Representative at 800-253-1769 or 952-882-5000. Thank you for depending on Chart to provide high product quality and service.