

Barrier-Ultra



Information

Description An enhanced flexible high-performance multilayer beverage dispense tube incorporating an exceptional gas and flavour barrier layer.

Main Application For conveying still water, beer and soft drinks in beverage dispense systems.

Certifications SK ZERT, NSF-51

Materials

Inner Layer - Ethylene Copolymer

Tie Layer - Modified Copolymer

Barrier Layer Barrier Copolymer

Intermediate Layer - Modified Soft Grade EVA

Outer Layer - Ethylene-vinyl Acetate

All materials are 100% virgin and comply with the relevant EU Directives for plastic materials that come into contact with foodstuffs.

Tubing Properties

	Inner ϕ	Outer ϕ	Safe Working Pressure (bar)	*CO ² Gas Permeability	Bend Rad. (mm)	**Pressure Loss (mbar)	
						2.1 l/min	5.0 l/min
Metric	5.0mm	10.0mm	10.0	0.008	22	101	-
	6.0mm	9.5mm	11.0	0.008	25	43	-

Maximum Operating Temperature 55 °C

Minimum Roughness 0.10 μ m

Notes / Copyright

*Any figures for gas permeation are given in units of cm³/m/day/bar. **Pressure loss properties were determined by assuming a flow of water at 20°C through 1 metre of tubing with a fluid flow rate of 2.1 / 5.0 litres per minute.

As temperature increases, Safe Working Pressure decreases (Based on a factor of safety of 4:1)

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