

Barriermaster Flavourlock



Information

Description	An enhanced 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
Middle Layer	-	EVA based tie layer
Barrier Layer	-	Barrier Copolymer
Outer Layer	-	Modified Polyethylene

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

Tubing Properties

	Inner ø	Outer ø	SWP (bar)	SOL (bar)	*CO ² Gas Permeability	Bend Rad. (mm)	**Pressure Loss (mbar)	
							2.1 l/min	5.0 l/min
Metric	6.7mm	9.5mm	11.0	12.0	0.15	40	28	-
	9.5mm	12.7mm	9.0	9.9	0.18	60	-	25
	4.0mm	8.0mm	22.0	24.2	0.08	20	320	-
Imperial	0.187"	0.312"	15.0	17.0	0.05	22	130	-
	0.212"	0.312"	12.0	13.0	0.05	20	75	-
	0.250"	0.375"	12.7	13.8	0.13	40	33	-
	0.265"	0.375"	11.0	12.0	0.15	40	28	-
	0.375"	0.500"	9.0	9.9	0.18	60	-	25

Maximum Operating Temperature

55 °C

Minimum Roughness

0.10 µm

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.

SWP: Safe Working Pressure SOL: Safe Operating Limit

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