

# Codemaster (MDP)



## Information

Description Flexible medium-density polyethylene beverage tubing.

Main Application For use in the dispense of beer and soft drinks.

Certifications SK Zert, NSF-51

## Materials

Mono Layer - Medium Density Polyethylene

## Tubing Properties

	Inner $\phi$	Outer $\phi$	SWP ( bar )	SOL ( bar )	*CO <sup>2</sup> Gas Permeability	Bend Rad. ( mm )	**Pressure Loss ( mbar )	
							2.1 l/min	5.0 l/min
Metric	6.7mm	9.5mm	9.0	9.9	13.0	40	28	-
	9.5mm	12.7mm	8.0	8.8	15.0	60	-	24
	7.0mm	10.0mm	9.0	9.9	12.0	40	21	-
Imperial	0.117"	0.187"	13.0	14.3	20.0	15	-	-
	0.212"	0.312"	11.0	12.1	24.0	30	75	-
	0.250"	0.375"	10.4	11.4	14.0	40	35	-
	0.265"	0.375"	9.0	9.9	13.0	40	28	-
	0.375"	0.500"	8.0	8.8	15.0	60	-	24

Maximum Operating Temperature

55 °C

Minimum Roughness

0.30  $\mu$ m

## Notes / Copyright

\*Any figures for gas permeation are given in units of cm<sup>3</sup>/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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