

Valpar Micro Matic Ltd.
13 Balloo Drive
Bangor, Co.Down
N.Ireland, BT19 7QY

PRODUCT CODE	BXW7X12.7		
ISSUE No.	1	DATE OF ISSUE	22/05/19

PRODUCT DESCRIPTION	12.7mm x 7mm NATURAL COLOUR BARRIER FLEXMASTER MULTILAYER TUBING
----------------------------	---

MAIN APPLICATION	A HIGH GAS & FLAVOUR BARRIER TUBE FOR THE DISPENSE OF BEER, WINE AND SOFT DRINKS
-------------------------	--

MATERIALS

INNER LAYER	ETHYLENE COPOLYMER
MIDDLE LAYER	EVA BASED TIE LAYER
BARRIER LAYER	BARRIER COPOLYMER
OUTER LAYER	MODIFIED EVA
FOOD COMPLIANCE	All materials are 100% virgin and comply with the relevant EU Directives and F&DA Regulations for plastic materials that come into contact with foodstuffs.

DIMENSIONS / TOLERANCE

OVERALL DIAMETER	12.7mm +0.10mm -0.10mm	WALL THICKNESSES	Total	2.85mm +0.10mm -0.10mm
INTERNAL DIAMETER	7.0mm +0.10mm -0.10mm		Inner Layer	0.20mm +0.05mm -0.05mm

PROPERTIES

GAS PERMEABILITY	CO₂	0.12 cm ³ /m/day/bar	O₂	0.04 cm ³ /m/day/bar
SAFE WORKING PRESSURE @ 20 °C	12 bar			
SAFE OPERATING LIMIT @ 20 °C	13.2 bar			
MAX. OPERATING TEMPERATURE	55°C			
Av. ROUGHNESS – INNER SURFACE (Ra)	0.10 µm			
MIN. BEND RADIUS @ 20 °C	48 mm			
PRESSURE DROP/METRE @ 2.1L/min.	24 mbar		Water medium	

PRINT LEGEND

VALPAR MM Barrier Flexmaster 7.0mm X 12.7mm TRACEABILITY CODE Tubing is printed in black at maximum intervals of 250mm
--

PACKAGING

STANDARD COIL LENGTH	100 metres (± 1%)	Supplied on pallets or in boxes depending on quantity. Alternative coil lengths and packaging are available
-----------------------------	-------------------	--