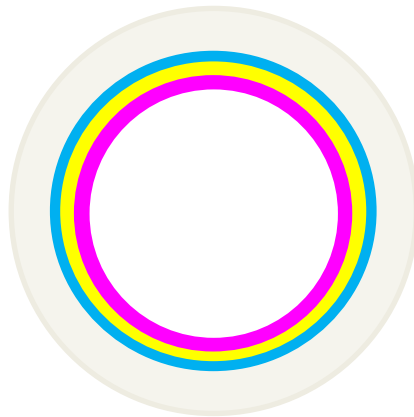


## GEN-X TUBE

Valpar Micro Matic has designed a highly engineered beverage tube incorporating an exceptional gas barrier layer. Independent testing has shown that, in terms of performance, Gen-X is superior to Brewmaster 2.

- Nylon was selected as the **inner layer** due to its hydrophilic property and its ultra smooth surface
- An excellent barrier layer is co-extruded within the tube wall to stop gas permeation and preserve the beverage aroma and flavour



- The additional barrier layer ensures no loss of CO<sub>2</sub> from the beverage and practically eliminates any O<sub>2</sub> ingress into the beverage tube that could promote bacteria growth
- Gen-X tube is ideal for protection against both cross migration and full immersion in glycol solutions.

Valpar Micro Matic performed tests internally and also within different breweries in several markets. Tests results showed:

- Inclusion of a highly engineered barrier layer has a more significant affect on bacteria growth.
- Product quality is further safeguarded by the inclusion of the highly engineered barrier layer by almost full retention of the dispense gas throughout the tube length.
- Nylon has been retained as the inner layer due to its hydrophilic property which combine with its ultra smooth surface and the highly engineered barrier layer gives Valpar its next generation tube.
- This next generation tube is the ideal for protection against both cross migration and full immersion in glycol solutions.
- The microbial growth tests indicate that the cleaning cycle for the next generation tube could be increased to at least approx 6 – 8 weeks where currently the cycle time is 3 – 4 weeks. This will be determined by the type of system.