



## Gen-X Tubing- (Patents Pending)

### HIGH QUALITY – HIGH PERFORMANCE

After decades of working with and listening to the industry coupled with the desire Valpar have to continually drive innovation have brought the next in the line of high performance beer tubes.

Test results historically have proven that the optimum contact surface material currently available for dispensing beer is nylon. Gen-X has been developed with the industry leading and accepted nylon inner layer together with a new high performance barrier layer.

Independent testing has shown that, in terms of performance, Gen-X is outstripping all other materials currently in use in terms of hygiene, freshness, gas retention & beer quality.

### Features

- Ultra-smooth tried and tested nylon inner layer
- High performance barrier layer
- Highly engineered for consistent, repeatable quality
- Superb adhesion between all layers with high resistance to delamination

### Benefits

- New barrier layer ensures no loss of CO<sup>2</sup> from beverage and practically eliminates any O<sup>2</sup> ingress into the beverage tube that could promote bacteria growth- ensuring quality of beer is protected
- Offers protection against cross migration of products and ideal for full immersion in glycol systems.
- Safeguards beer quality- fresher, cleaner, longer!
- Taste protected by practically full retention of the dispense gas throughout the tube length coupled with hygienic properties
- Suitable for tight bend radius applications
- Compatible with a wide range of fittings

### CO<sup>2</sup> and O<sup>2</sup> Permeation

TUBE	CO <sub>2</sub> Permeation (cc/metre/day/bar)	O <sub>2</sub> Permeation (cc/metre/day/bar)
Polyethylene	12	4

<b>Brewmaster 2</b>	<b>3</b>	<b>1</b>
<b>GEN-X</b>	<b>0.14</b>	<b>0.05</b>

Smoother surfaces in isolation have only a marginal effect on the level of bacteria growth in a tube. The inclusion of a highly engineered barrier layer has a more significant effect on bacteria growth.

Product quality is further protected by the inclusion of the highly engineered barrier layer by practically full retention of the dispense gas throughout the tube length. The microbial growth tests indicate that the hygienic performance can be 2-3 times at least more effective than current market solutions.

