

# T-Guard Plus



## General Information

|                  |                                                                                     |
|------------------|-------------------------------------------------------------------------------------|
| Description      | A Soft, Flexible, Clear, Low Taint, Monolayer PVC tubing.                           |
| Main Application | Primarily for low pressure dispense of beverages, in particular, bag-in-box syrups. |
| Certifications   | SK Zert applied for.                                                                |

## Material

100% Virgin soft clear PVC, free from harmful phthalates.

Material IS 100% virgin and complies with the relevant EU Directives and F&DA Regulations for materials that come into contact with foodstuffs. Material also complies with Californian Proposition 65.

## Tube Properties

| Product Code | Inner $\varnothing$ |      | *Max. Safe Working<br>( bar ) | **Pressure Loss<br>(mbar/metre) |         | CO2 Gas Permeability<br>( cm <sup>3</sup> /metre/day/bar ) |
|--------------|---------------------|------|-------------------------------|---------------------------------|---------|------------------------------------------------------------|
|              |                     |      |                               | 2.1l/min                        | 5l/min. |                                                            |
| TGP375625    | 3/8"                | 5/8" | 5.0                           | 7.8                             | 42      | 15.0                                                       |
| TGP500750    | 1/2"                | 3/4" | 4.0                           | 1.8                             | 9       | 19.0                                                       |
| TGP6X9       | 6mm                 | 9mm  | 4.0                           | 90                              |         | 20.0                                                       |
| TGP8X12      | 8mm                 | 12mm | 4.5                           | 19                              |         | 4.0                                                        |
| TGP9X12      | 9mm                 | 12mm | 3.2                           | 10.5                            |         | 26.0                                                       |

Average Inner Layer Roughness (Ra) 0.10 $\mu$ m

Maximum Operating Temperature 40°C

Minimum Operating Temperature -10°C

## Notes

\* As temperature increases, Maximum Safe Working Pressure decreases.

e.g. At maximum temperature of 40°C, the MSWP stated for each size is reduced by 50%.

\*\* Applicable to straight tubing using water at 10°C as medium.

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