

T-Guard Ultra



General Information

Description	A Multilayer, Low Pressure, Taint-free, Highly Flexible, Clear PVC Tubing.
Main Application	For use in the dispense of bag-in-box syrups, beers and other beverages.
Certifications	NSF51 and SK Zert applied for.

Materials

Inner Layer	-	Ethylene co-polymer
Middle Layer	-	Ethylene based tie layer
Outer Layer	-	100% Virgin soft clear PVC, free from harmful phthalates

All materials are 100% virgin and comply with the relevant EU Directives and F&DA Regulations for materials that come into contact with foodstuffs. Materials also comply with Californian Proposition 65.

Performance

Product Code	Nom Inner ø	Nom Outer ø	*Max. Safe Working Pressure @ 23°C (Bar)	**Pressure Loss (mbar/metre) 2.1l/min 5.0 l/min		Gas Permeability cc/metre /day/bar O ₂ CO ₂		Minimum Internal Bend Radius mm
	<u>Imperial sizes</u>							
TGU187437	0.187"	0.437"	7.2	135	625	2.5	7.5	18
TGU250500	0.250"	0.500"	6.0	33	155	3.0	9.0	22
TGU312563	0.312"	0.563"	5.1	12	55	3.5	10.5	28
TGU375625	0.375"	0.625"	4.5	5	22	4.0	12.0	32
TGU500750	0.500"	0.750"	3.6	1.3	6	5.0	15.0	42
	<u>Metric sizes</u>							
TGU7X12	7mm	12mm	4.7	22	96	4	12	38
TGU10X16	10mm	16mm	4.2	4	18	4	12	35

Average Inner Surface Roughness (Ra) 0.10µm

Maximum Operating Temperature 40°C

Minimum Operating Temperature -10°C

*As temperature increases, Maximum Safe Working Pressure decreases.

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

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

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