



Art. KTRI05106  
**BOTTLE COMPLETE KIT  
 “QUICK PURE”**

**TECHNICAL DATA SHEET**

Date: July 2017

Revision N°.: 00



<i>Article code</i>	KTRI05106
<i>Description</i>	Bottle complete kit “Quick Pure”
<i>Dimensions</i>	Bottle: - Diameter: 73 mm - Height: 200 mm - Capacity: 650 ml Bag: mm 100 x 200 h
<i>Weight</i>	gr 160
<i>Composition</i>	Cloth: 100% Polyester Bag in nylon: polyethylene Resin: see Annex A Bottle: HDPE polyethylene
<i>Packaging dimensions</i>	Kit packaging dimensions: mm 102 x 102 x 250 h Box dimensions w/8 kit: mm 275 x 425 x 230 h
<i>Packaging volume</i>	Packaging kit volume: m <sup>3</sup> 0,0026 Box volume w/8 kit: m <sup>3</sup> 0,027
<i>Packaging</i>	No. 8 kit/box

The data shown in this technique are considered indicative, the Manufacturer reserves the right to alter the above information without notice.

## ANNEX A:

- Mixed Bed Resin;
- it is a high capacity mixed bed ion exchange resin consisting of a mixture of a gel, Type I strong base anion resin and a gel strong acid cation resin for direct water purification;
- the conductivity is around 0,1 µs/cm;
- suitable for use in regenerable or non-regenerable cartridges, for deionization with high silica removal efficiency and refine water for electrical home applications.
- The **safety data sheet** is available at the following internet address:  
[www.ipcworldwide.com/product/quick-pure-bottle/](http://www.ipcworldwide.com/product/quick-pure-bottle/)
- Emergency telephone number:  
**0039.02.66101029**  
**Centro antiveneni Milano Niguarda**



Details of the supplier of the safety data sheet:	
Supplier Ref.	RA370
Name	EUROTROL SPA
Address	Via Enrico Fermi, 23
Town	Settimo Milanese (MI)
Country	ITALIA
Zip code	20019
Telephone	0039.02.335458
Fax	0039.02.33545814
E-mail	eurotrol@eurotrol.it
Internet Address	<a href="http://www.eurotrol.it/">http://www.eurotrol.it/</a>

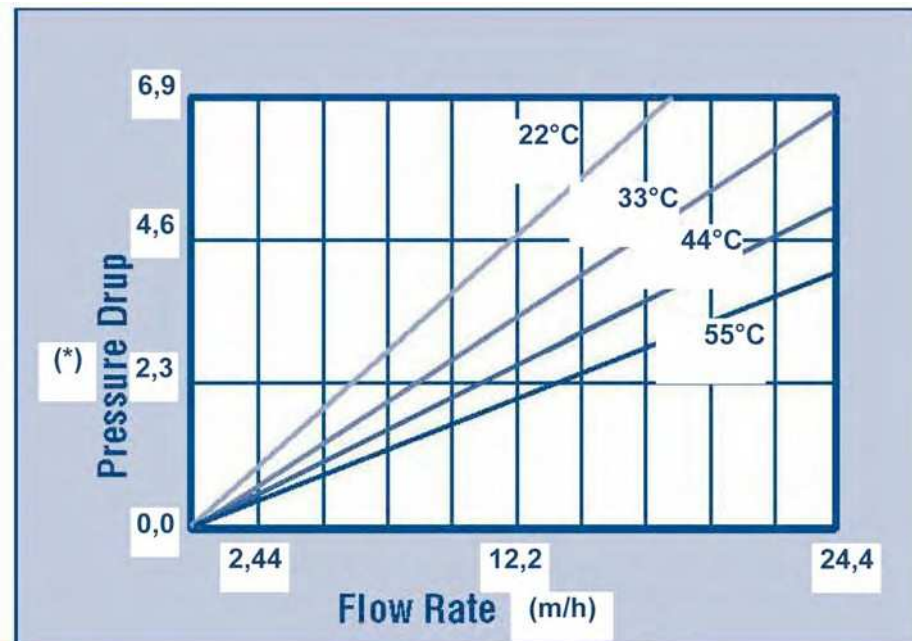
Typical Physical & Chemical Characteristics	
Polymer Matrix Structure	Gel polystyrene crosslinked with DVB
Functional Group: Cation Anion	R-SO <sub>3</sub> <sup>-</sup> H <sup>+</sup> R <sub>4</sub> -N-OH <sup>-</sup>
Ionic Form, as shipped	H <sup>+</sup> / OH <sup>-</sup>
Physical Form and Appearance	Spherical Beads
Sphericity	95% min.
Screen Size Range US Standard Screen	16 ÷ 50 mesh, wet
Particle Size Range	+1,2 mm < 5%, - 0,3 mm < 1%
Volume Ratio (as shipped) Cation Anion	40% PC003H 60% PA101OH

Total Exchange Capacity, Cation (in Na <sup>+</sup> form) Cation (in H <sup>+</sup> form) Anion (in Cl <sup>-</sup> form) Anion (in OH <sup>-</sup> form)	2,0 eq/l min. 1,9 eq/l min. 1,3 eq/l min. 1,0 eq/l min.
Water Retention, H <sup>+</sup> form OH <sup>-</sup> form	45 ÷ 50% 53 ÷ 60%
Shipping Weight (Approx.)	700 ÷ 740 g/l (44 ÷ 46 lbs/cu.ft, approx.)
Max temperature: Non-regenerative bed Regenerative bed	100°C (212°F) 60°C (140°F)
pH Range	0 ÷ 14

### Suggested Operating Conditions

Minimum Bed Depth	0,6 m (24 inches)
Service Flow Rate	20 ÷ 60 BV/h (2,5 ÷ 7,5 gpm/cu.ft)
Limitations	Extended exposure to strong oxidizers, such as chlorine, hydrogen peroxide and concentrated nitric acid, degrade the structural backbone of the resin and should be avoided

### Hydraulic Properties



(\*) = m of water / m of bed