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## GLASS SYRINGE – 100ML

### Product Specifications



Catalog No.	Description
1005190	Glass Syringe – 100ml <b>Interchangeable borosilicate glass syringe with permanently fused graduations and unique identifier. Reinforced flanges are flat on two sides to avoid rolling. Supplied with metal luer-lock tip.</b>

#### Dimensions

Piston Outside Diameter	35.70 mm
Barrel Diameter Outside (D1)	41.16 mm
Barrel Collar Diameter (D2)	42.74 mm ± 0.05 mm
Piston Collar Diameter (D3)	55.12 mm ± 0.05 mm
Length (L)	214.50 mm ± 0.10 mm
Tolerance	0.0065 ± 0.0010 mm between plunger & barrel
Volume	100 ml (cc) ± 1.50 ml (cc)

#### Glass Properties

Expansion coefficient	52 ± 10 <sup>-7</sup> /centigrade
Density	2.36g ± 0.02g cm <sup>3</sup>
Modulus of elasticity	64 ± 10 <sup>3</sup> mm <sup>-2</sup>
Water resistance	First Class
Acid resistance	First Class
Alkali resistance	First Class
Softening point	785 °C
Melting temperature	1260 °C
Strain point	525 °C
Annealing point	570 °C
Hardness	7
Color	Clear

#### How to reach NTT

For routine requests for information, you can contact us via phone, mail, or e-mail through the internet at [info@nttworldwide.com](mailto:info@nttworldwide.com) or through our website: <http://www.nttworldwide.com>

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