

V-TEK™ Sight glasses are manufactured using Pyrex® Borosilicate glass. It has low thermal expansion, allows higher temperatures and is more resistant to thermal shock than other types of glass. It is very suitable for use in laboratory equipment and sight glasses.

## Pyrex Borosilicate Glass Composition

Content	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	FeO <sub>3</sub>	B <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> O	K <sub>2</sub> O
%	80.9	2.3	0.03	12.7	4.0	0.04

### Physical Properties:

Young's Module	6.4x10 <sup>5</sup> Kg/cm <sup>3</sup>
Poisson's Ratio	0.20
Shear Modules	2.7x10 <sup>5</sup> kg/cm <sup>2</sup>
Knoop Hardness (100g)	418KHN
Bending Strength	4 7x10 <sup>5</sup> kg/cm <sup>2</sup>
Design Stress (Safety Factor)	67 kg/cm <sup>2</sup>