Douglass

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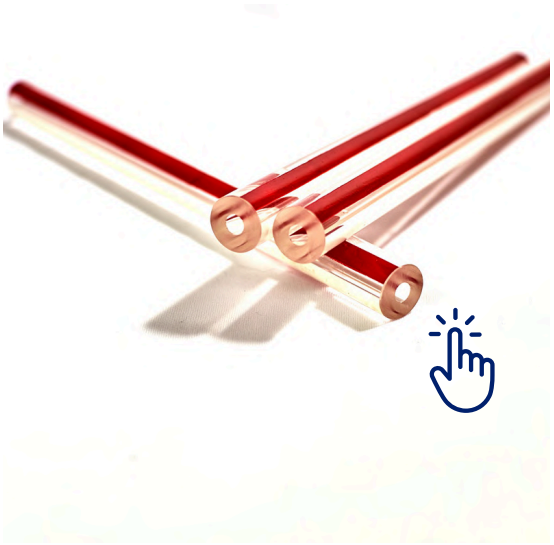
RED LINE
BOROSILICATE TUBE

The red line tube used in level gauge glasses is a specialized feature designed to enhance the visibility of fluid levels in a broad range of industrial applications.
This tube incorporates a distinct red & white lines that run along its length, providing a stark contrast against the color of the fluid or the background, making it easier to read levels at a glance.
Particularly useful in environments with poor lighting or where fluids are clear or have low visibility, the red line aids in precise level determination, reducing reading errors and improving operational safety.



TECHNICAL INFORMATION		
Physical properties	**Testing method**	**Obtained value**
Thermic dilatation coefficient	ISO 7991	3.3 X 10-6
Density at 25°C	SN 7005 13	2.23 g/cm3
Refractive index (λ = 587.6 nm) nd		1.472
Maximum annealing temperature	ISO 7884-8	1040°F
Short-term maximum temperature	ISO 7884-7	932°F
Thermal shock resistance	ISO 7884	-45.67°F
Young's modulus		63.150 MPa
Poisson constant		0.2
Thermal conductivity	20°C - 100°C λ	(1.2)(w*m-1)(K-1)
Photoelastic constant	DIN 52314	(4.00 x 10-6)(mm2/N)
Specific electrical resistance 108 Ωcm	DIN 52326	482°F
Dimensional tolerance diameter	DIN 7080	PASS
Chemical properties	**Testing method**	**Obtained value**
Hydrolytic resistance	ISO 719	HGB 1
Acid resistance	ISO 1776	CLASS S1
Alkaline resistance	ISO 695	CLASS 2
Chemical composition	SIO2	Minimum content 80%
Chemical composition	B2O3	Minimum content 13%
Chemical composition	NAO2 + K2O	Minimum content 4.5%

OUR WARRANTY

100% Satisfaction Guarantee

Warranty period

Douglass warrants merchandise against defective workmanship and materials that become apparent within a period of 12 months from the date of receipt of invoice by the purchaser (hereinafter referred to as the warranty period). All liabilities under the warranty provisions shall expire when the warranty period has expired.

Please feel free to contact us if you have any questions or comments.

We would love to hear from you!