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TEMPERED BOROSILICATE LEVEL SIGHT GLASSES DIN7081 – REFLEX

Reflex level gauge glasses, made out of borosilicate, are a critical tool in various industrial applications, offering a simple yet effective method to visually monitor the liquid level within tanks and vessels. These devices utilize a series of prisms embedded in the glass that reflect light differently depending on whether they are in contact with a liquid or gas. When the liquid level is present, the prisms in contact with the liquid allow light to pass through, making the liquid level appear dark against a silvery background. Conversely, in areas where no liquid is present, the prisms reflect light, making these sections appear bright.

This clear visual contrast provides an immediate and accurate indication of the fluid level, facilitating safe and efficient process management in industries such as chemical manufacturing, petroleum refining, and power generation, where precise level measurement is crucial for operational safety and efficiency.



TECHNICAL INFORMATION

THK <i>b</i>	RD <i>r</i>	Crystal length <i>l</i>										
Size		2	3	4	5	6	7	8	9	10	11	
30mm	15mm	140mm	165mm	190mm	220mm	250mm	280mm	320mm	340mm			
34mm	17mm	5-1/2"	6-1/2"	7-1/2"	8-5/8"	9-7/8"	11"	12-5/8"	13-3/8"	370mm	400mm	

TECHNICAL INFORMATION

Chemical properties	Hydrolytic resistance	HGB 1 (ISO 719)
	Acid resistance	Class S1 (ISO 1776)
	Alkaline resistance	Clase A2 (ISO 695)
Chemical composition	SiO ₂	Minimum content 80%
	B ₂ O ₃	Minimum content 13%
	Na ₂ O + K ₂ O	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!