

PRODUCT SPECIFICATION CERALABEL SL-600, 800, 1000

Fired ceramic/stainless steel labels show excellent shock resistance. Barcode patterns are printed on a ceramic thin layer that is then fused on the stainless steel substrate.

<Features>

- Application:** Identification and management of products which are subject to mechanical shock and harsh environments involved in e.g., heat-treatment processes, chemical-treatment processes, and outdoor long term storage.
- Material:** Heat resistant stainless steel, SUS316L
- Size:** Any size, any shape
- Thickness:** 0.2, 0.6, 1.0mm (Heat resistant stainless steel)
- Adhesive:** Pressure sensitive adhesive resistant to up to 250°C available
- Impact test:** The labels withstand 200gr steel ball dropped 0.5m height without surface failure.
- Derivative product :** **SL-GZ** (additional transparent glass layer to enforce chemical resistance)
SL-316 (SUS316L substrate model to enforce corrosion resistance)
Some other derivative SL products are available for use environment.

Maximum heat resistance and Chemical resistance:

Properties		SL-600	SL-800	SL-1000
Maximum Heat Resistance		600°C	800°C	1000°C
Chemical Resistance	Acid	HCl 5%, 20°C	20 hours	20 hours
		H ₂ SO ₄ 5%, 20°C	20 hours	20 hours
		HNO ₃ 5%, 20°C	100 days	100 days
	Alkali	NaOH 20%, 20°C	200 days	200 days
	Solvent		No effect	No effect

The above information is based on current information and does not guarantee the characteristics of the product. Please conduct sufficient tests under actual conditions and environments to confirm that there are no problems before deciding to use the product.



Laser engravable

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