



SM000 - Premium Grade Plasma Masking Tape

Description	This single sided tape consists of a glass-cloth carrier with silicone rubber and a silicone adhesive.
Product properties	It was developed to withstand the abrasion of grit blasting and the extreme temperatures/pressures of the plasma spray process, and the resistance against high temperatures prevents tape slippage after application. It has a very good strength and flexibility, which allows for an easy wrapping of complex shapes and minimises wrinkling during the flexing of cables.
Specifications	Rolls Royce CSS13
Applications	It is used in the plasma spray process, which is a method of applying thin coatings of metal or high temperature ceramics to a surface. The coating is sprayed at a high pressure and at extreme temperatures, and the tape is applied next to and around the areas that will be plasma sprayed.
Storage and ageing	1 year shelf life whilst stored in ambient room temperatures. Keep out of direct sunlight.
Applying tips	All substrates should be clean and contamination free, a solvent such as Isopropyl-Alcohol is recommended for cleaning purposes, and the tape should be applied with pressure.

TECHNICAL DATA

Carrier	Glass/Silicone	
Adhesive	Silicone	
Thickness Carrier	0,18 mm	7,09 Mils
Thickness Total	0,27 mm	10,6 Mils
Adhesion on stainless steel	14 N/25mm	3,2 Lbs/inch
Tensile strength length	667 N/25mm	152 Lbs/inch
Elongation length	5 %	
Dielectric strength	7 kV	
Service temperature	Between -73 and 260 °C	Between -99,4 and 500 °F

Disclaimer: Values shown in this document are averages only. For legal reasons, we emphasize that the information on this data is available "as is" and that Stokvis Tapes, an ITW company, gives no guarantees with respect to the accuracy and completeness nor with respect to interpretations made on the basis of this information.

See our applicable delivery conditions. Each user should conduct his own tests to determine the suitability of the product for his intended use and shall assume all risks and liability in connection therewith. Stokvis Tapes cannot be held liable for any damages resulting from the unsuitability of the product. Many factors beyond the control of Stokvis Tapes may affect the use and performance of the product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluates the Stokvis Tapes product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

The information is available to the user for viewing, copying and distributing, provided that Stokvis Tapes, an ITW company, is always quoted as the source. The information is intended solely for informational and non-commercial use.

Intellectual property: Stokvis Tapes, an ITW company, reserves all rights regarding this document and the information contained herein. Reproduction, use or disclosure to third parties without express permission is strictly forbidden.

Stokvis Tapes (UK) Ltd
Unit 8, Tring Industrial Estate
Icknield Way, Tring, Hertfordshire
tel +44 (0)14 42 82 17 00
fax +44 (0)14 42 82 17 22
www.stokvistapes.co.uk
info@stokvistapes.co.uk

An Illinois Tool Works Company 