

DESCRIPTION

Laserguard™ SPP310 is a protective film designed for the protection of stainless steel during laser cutting operations. The product is designed to withstand one-pass laser cutting processes, eliminating the need to etch the protective film in one pass and cut the stainless steel in a second pass. Laserguard™ SPP 310 will perform in the laser cutting process by eliminating the traditional problem of blowing/ballooning of the film upon piercing. It also eliminates the typical black residue left on the surface when using conventional protective films. Laserguard™ SPP 310 also offers customers a unique character to its surface printing: it can be ordered with printed arrows that clearly indicate the direction of polish lines in the steel.

PRECAUTIONS

All recommendations are based on years of experience but cannot be seen as a guarantee of performance in the application. Tests should be conducted under the actual application conditions.

STORAGE

The film can be stored for six months, in its original packaging and in dry conditions. The rolls should be protected from extremes of temperature and direct sunlight. Out of its container, the film should be protected against dust and other impurities.

APPLICATION OF FILM

Preferably the protective film should be applied by mechanical means. Best results are obtained at an application temperature between 60°F and 100°F.

TECHNICAL DATA

Film Backing	White polyethylene with blue printing
Adhesive type	Proprietary
Adhesive level	Medium
Total tape thickness	4 mils (100 microns)
Adhesion Strength	
Initial to B.A.	13.7 oz per in. (306 grams per 20 mm)
Aged to B.A.	22.9 oz per in. (513 grams per 20 mm)
Tensile Strength	10.5 oz per in. (3.75 kg per 20 mm)
Elongation	276%

Note :The above are typical values and should not be used in writing specifications. The performance of all adhesive products is affected by many factors: heat, humidity, type of substrate, texture, inks used and application technique. Our suggestions and recommendations concerning the use and application of our products are based on tests we believe are reliable. However, the purchaser must test the suitability of our products for their intended use under their own operating conditions. Protective Packaging assumes no liability for claims beyond the replacement value of any defective products, and is in no way liable for consequential or incidental damages. These products are suitable for limited outdoor exposure.