

## Product Data Sheet

**Manufacturer: Nitto**

**Product: Nitto SPT 3100H5**

### Description

The unique concept of a special, printed blended PE carrier, combined with a special release layer and modified rubber-based adhesive, makes your cutting processes shorter and more efficient and will result in higher added value end-products.

### Applications

LASERGUARD 3100H5 Blue is a surface protection tape that protects metal surfaces during CO<sub>2</sub>, N<sub>2</sub> or O<sub>2</sub> laser cutting processes. The combination of printed white PE carrier with a very high adhesion, rubber-based adhesive and a special wax release layer makes it the ideal protective tape for laser cutting processes.

### Features

- laser cutting of stainless steel above 2 mm
- no pre-cutting required
- no bubble-forming
- functional print
- low unwind during lamination
- very high adhesion
- recyclable
- film with high mechanical strength

### **Technical Data**

Adhesive type	Rubber-based
Film type	Polyethylene film
Total thickness	105 µm
Adhesion to BA steel	300 cN/20 mm
Tensile strength MD	min. 23 N/20 mm
Elongation MD	min. 150%
Weatherability to BA steel	50 h
Colour	White with blue printed arrows, lines, Nitto