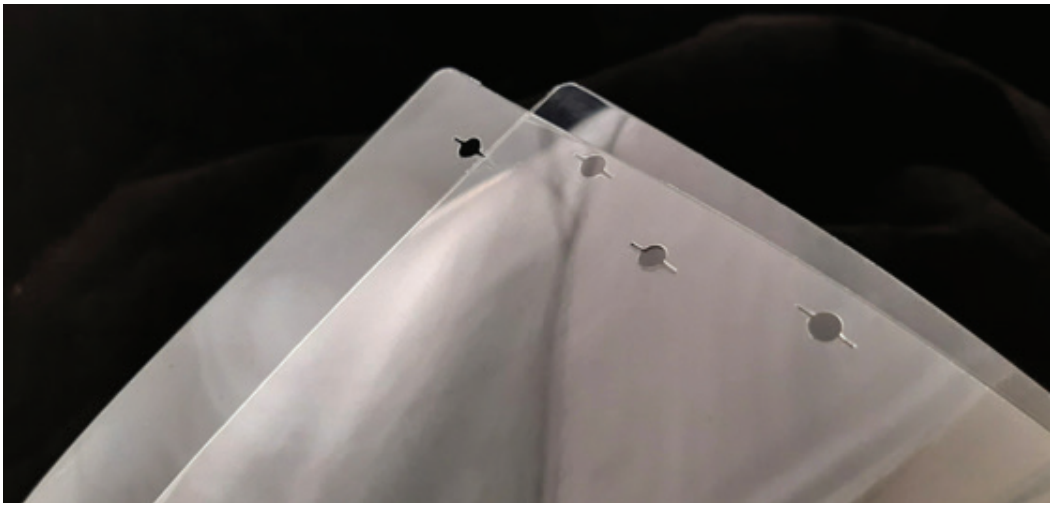
CUTTING PET FOR PROTECTIVE MASK MANUFACTURING

Bradma laser equipment is used to encode and mark products of a wide variety of materials, including paper, cardboard, plastics (PET, PVC, HDPE), glass, metals and wood. The messages and graphics that are achieved are of high quality, at a minimum operating cost and at high speeds.

Application News regularly provides a sample of products that are encoded and labelled with Bradma lasers, every day and worldwide.



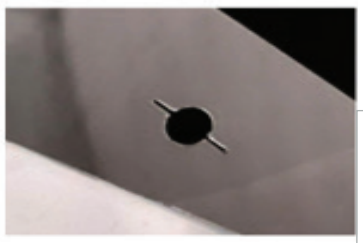
Sometimes the world receives a blow for which it is not prepared, which puts society's proactivity, agility, efficiency and solidarity to the test. During this COVID-19 crisis, the world is responding in an exemplary manner.

One of the keys to containing this pandemic is the protection of people. A large number of companies have modified their production to provide PPE (personal protective equipment) and elements such as respirators, gloves and masks to name a few.

PET film is used for the production of protective masks. It is a material that is used in many sectors and **is normally coded with CO2 equipment with a wavelength of 9.3 µm due to the reaction it generates,** although CO2 equipment can also be used to cut it.

In this application, we cut PET sheets used in the manufacture of protective masks. For this, we use a CO2 equipment with a HPD (High Power Density) head that allows having a higher density of concentrated energy for the cut because we need to work in large areas (350x350 mm). The result is a clean cut that allows us to work in a versatile and efficient way.

From everyone here at Bradma, we would like to take this opportunity to thank all members of society who are working so hard to contain this pandemic and wish everyone a speedy recovery and return to normality.



LASER	Bradma D-5005 UV
LENS	100 x 100
MARKET	Pharmaceutical
APPLICATION TYPE	Codification
PRODUCT	Pharmaceutical Packaging
MATERIAL	50% LDPE – 50% HDPE
MARKING TYPE	Static
MARKING TIME	0,22 s.

Forbes & Company Limited
Forbes Building, Charanjit Rai Marg,
Fort, Mumbai 400 001, India
Phone: +91 22 6135 8902
Email: sales@forbes.co.in
Website: www.bradma-forbes.com