

## **MOLECULARGRIP™: SUSTAINABLE SURFACE FUNCTIONALIZATION FOR ADHESIVE BONDING.... AND MORE**

More and companies are looking to reduce or completely remove solvent-based surface priming solutions from their manufacturing systems and need a better solution than traditional plasma technologies can offer.

The main drivers are

- Environmental and Health concerns
- Elimination of flash-off time enabling significant process improvements
- The need for increased open time enabling significant process improvements
- The need to perform 100 % quality inspection of the priming layer

MPG's MolecularGRIP™ technology addresses all these concerns and offers even more benefits such as:

- 100 x reduction in the quantity of chemistry used
- < 10 % variation in the thickness of the coating
- Low energy use
- Inline quality inspection of the priming layer
- Works on ANY material ranging from Cellulose to Polyolefins, Metals and even Fluorinated Polymers.
- 100 % automated process with full SPC control, no operator required.

We will present several cases studies demonstrating the capability and potential of the technology