

HIGH STRENGTH PLUS LASER PROTECTION.



PF584 CS HS+

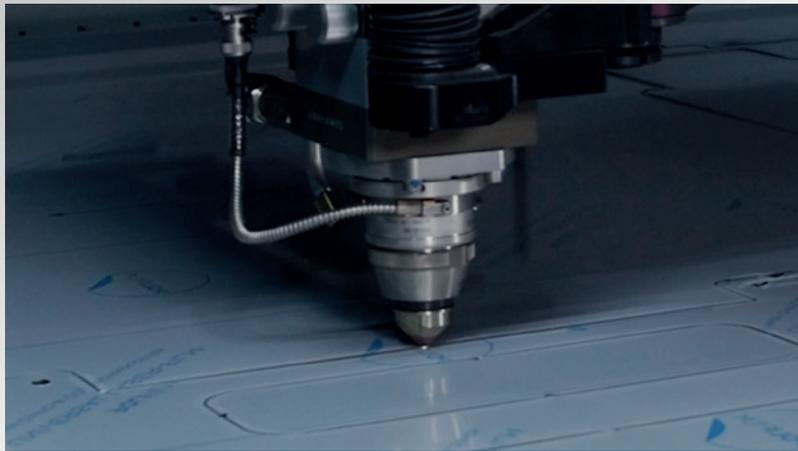
The latest generation of laser protection films is here: The innovative High Strength Plus film is thinner and therefore significantly more sustainable than its conventional counterpart, PF584 CS, whilst still providing the same uncompromising surface protection and optimum processing properties.

THINNER. MORE SUSTAINABLE, STRONGER.

- **Highly resilient:** Innovative formulation with unique High Strength Plus effect – for perfect protection with the added benefit of a 20% reduction in thickness.
- **Conserves resources:** The need for virgin material is reduced by 23%!
- **Reducing Plastics:** A service centre with an annual demand of one million square metres saves around 19 tons of fossil-based plastic!
- **Lower Emissions:** The film's carbon footprint (Cradle-to-Gate) is approximately 15% lower.
- **Reduced Fuel Consumption:** The lower transport weight of the rolls decreases fuel consumption in the logistics chain which is good for both costs and the environment!

**High Strength Plus Laser Protection:
Less fossil based raw materials, full performance!**

Also available with recycled material. For even more sustainability!



THE FORMULATION FOR PERFECT PROCESSES.

The innovative polymer blend of the High Strength Plus laser protection film ensures maximum performance, optimal cutting quality, and the highest process efficiency.

- **Impact Resistant:** The 80 µm thick High Strength Plus laser protection film performs about 50% better than its conventional counterpart!
- **Scratch Resistant:** Its scratch resistance matches that of a conventional 100 µm thick laser protection film.
- **Tensile Strength:** Even with high adhesive strength, the dimensionally stable film guarantees tension-reduced unwinding and laminating – providing optimal protection against edge lifting.
- **Quality Assurance:** Thanks to perfect absorption and ideal adhesion, it prevents bubble formation and ensures clean, burr-free cutting edges.
- **Residue-Free:** The film can be removed quickly, without tearing or leaving adhesive residues, or the need for any costly rework.
- **Time-Saving:** As a result of increased roll lengths, the work involved in preparation, roll changes and machine setup during the laminating process is reduced as more meters fit on the roll.

**High Strength Plus laser protection films:
A win all around. For processors and the
environment.**