RISK FREE REMOVAL.
OPTIMAL LASER PROTECTION.

Thin sheets are easy to shape and work well with a laser. However, due to their thinness, they are susceptible to undesired bending especially when the protective film is removed. POLIFILM PROTECTION has therefore developed a range of special laser protection films with tailor-made properties for sheets up to 0.8 mm thick.

HIGHLY EFFECTIVE SOLUTIONS FOR THIN SHEET PROTECTION:

— **Application versatility:** three different film types available.

— **Optimum unwinding properties:** for tension free lamination and optimum downstream processing.

— **Precisely adjusted adhesive strength:** for perfect adhesion and easy, residue-free removal without bending.

— **High tear resistance:** for reliable removal regardless of the component geometry or the cutting pattern.

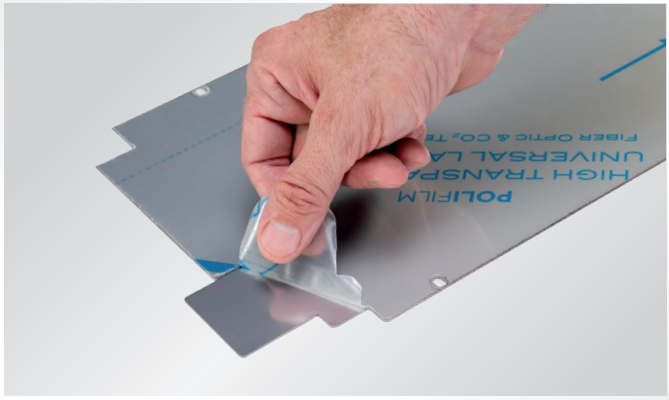
— **Perfect laser cutting:** bubble free cutting with clean, smooth and carbon free cut edges.

Advanced laser protection films for thin sheet processing – reduce processing time, avoid scrap, reduce rejections.

THREE FILMS. THREE SOLUTIONS.
FOR OPTIMUM EFFICIENCY & PROCESS RELIABILITY.

With three different application specific film types, the laser protection film portfolio for thin sheets offers the optimal solution for every production requirement and every common application.

PF82CS
Due to its excellent absorption qualities this dark grey laser protection film guarantees optimum cutting quality even for complex cutting patterns at maximum fibre laser speed. Also suitable for use with CO2 lasers.



PF32CS
This protective film is the first highly transparent laser protection film for cutting thin sheets with a fibre laser. It enables constant quality control and helps to prevent mix-ups during production, thereby reducing the number of rejections and increasing efficiency. It is also suitable for use with CO2 lasers!

PF582CS | PF581CS
This versatile grey laser protection film for thin sheets offers reliable all-round protection. It delivers excellent results even under unfavourable conditions. It is tear resistant and stretchable and equally suitable for use with both fibre and CO2 lasers.

POLIFILM PROTECTION also offers these application specific film technologies for laser processing of sheets of conventional thicknesses.

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