



# PRE-PAINTED METAL **PROTECTIVE FILM**

HIGHLY EFFECTIVE SURFACE PROTECTION.  
DURING PRODUCTION PROCESSING, MANUFACTURING  
AND OTHER ASSOCIATED OPERATIONS.



EXCELLENCE IN FILMS



## POLIFILM PROTECTION

# YOUR PAINT. YOUR APPLICATION. OUR SOLUTION.



Coil coated and pre-painted metal surfaces require effective protection against damage during production processing, manufacturing and other associated operations. POLIFILM PROTECTION offers the optimum solution for precisely these situations. In our range you will find an extensive selection of protective films, perfectly matched to the requirements of a wide variety of paint systems, gloss levels, applications and production processes. Our films can guarantee excellent UV protection between three and twelve months, depending on the type of product selected.

Whether the paint system is Plastisol, PVDF or Polyester based, POLIFILM PROTECTION provides you with the right solution every time. Your surfaces remain securely protected ensuring the high quality appearance of your products is reliably maintained at all times.

### Optimum adhesion. Maximum protection.

The bespoke adhesive systems developed by POLIFILM PROTECTION make this possible. Special purpose formulas based on natural rubber or acrylic, guarantee high strength and dependable adhesion. This continues throughout the entire process ensuring costly excess waste is alleviated from the start.

### Smooth Production process.

With excellent deformation and elongation properties - POLIFILM PROTECTION films allow processing without compromise. The result: products and surfaces are perfectly protected at all times ensuring a smooth production process.

### Clean Removal. Quality throughout the process.

Residue free removal is a characteristic of high quality protective films. POLIFILM PROTECTION films ensure reliable peeling without leaving adhesive residues on the surface, thus eliminating potential cleaning operations.

### Secure application.

Transparent films allow an immediate visual inspection at any time. Black and White films can come with printed arrows or stripes providing information about the grain direction of the metal sheets, which simplifies processing and prevents costly errors.

Upon request, we can print your corporate design, logo or technical details on our protective films, making them as individual as you are.

## AT A GLANCE PROTECTIVE FILM FOR COATED SHEET.

CHARACTERISTICS OF THE FILM				SURFACE TEXTURE						
PRODUCT TYPE	ADHESIVE TYPE	ADHESIVE STRENGTH	FILM THICKNESS	GLOSSY	SEMI-GLOSS	SEMI-MATT	MATT	METALLISED	GRAINED	VERY GRAINED
PF110/40 WP	Acrylic, water-based	Very low	30/40/50/65	•	•					
PF11/3D MA PV1	Acrylic, water-based	Low	30	•	•	•				
PFB155**	Coextruded film	Low	35/40/70		•	•				
PF11 WP EP*	Acrylic, water-based	Very low	35/45/60	•						
PF12/2 D HS	Acrylic, water-based	Low	30/35/40		•	•				
PF12/2 WP EP*	Acrylic, water-based	Medium	30/35/50/80		•	•				
PF12/3 D HS	Acrylic, water-based	Medium	33/40/45		•	•				
PF12/3 WP EP*	Acrylic, water-based	Medium	35/45		•	•				
PF12/4 WP PV3***	Acrylic, water-based	Medium	35/40/45/60/70		•	•	•	•		
PF13 WP***	Acrylic, water-based	High	35/45/50			•	•	•	•	
PF13/4/45 WHS	Acrylic, water-based	High	45				•	•	•	
PF562 C/E***	Natural rubber	Medium	50/70/80/100		•	•	•	•		
PF562 RC UV***	Natural rubber	Low	70	•	•	•				
PF563 C UV***	Natural rubber	High	70/80			•	•	•	•	
PF565 C	Natural rubber	Very high	80							•

\* Easy-Peel properties / \*\*Coextruded film / \*\*\* Functional overprint with arrows or stripes



### EASY-PEEL FILM SOLUTIONS

**PF11 WP EP, PF12/2 WP EP, PF12 WP EP.** The effort required to remove the film decreases as the speed increases. These film types are ideal for processes that require extremely fast, effortless removal of the protective film at the end of the production line.



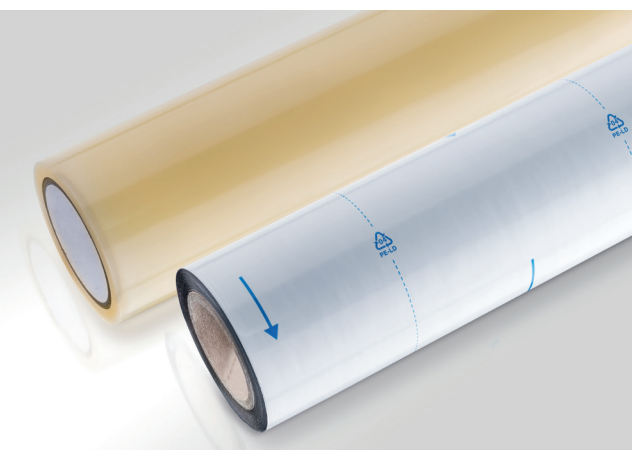
### LOW UNWIND FORCE

**PF562 C/E.** These film types are characterised by a supremely smooth, silky and homogeneous finish that can be applied without tension. Their adhesive effectiveness is impressive – despite having a low adhesive strength, they efficiently resist unwanted lifting off during manufacturing processes.



### CO-EXTRUDED FILM SOLUTIONS

**PFB155.** This self adhesive, co-extruded surface protection film has good deformation resistance and offers ideal adhesion properties for polyester based paint systems. Thanks to the optimised surface of the film it offers particularly effective protection in the production of sandwich panels.



# POLIFILM PROTECTION. YOUR PARTNER FOR TEMPORARY PROTECTION.

For over 40 years we have been providing sophisticated, effective protection that ensures your surfaces are fully protected throughout production processing, manufacturing and other associated operations. As a process partner and specialist in co-extrusion, adhesive development and coating, we are in a unique position to develop film solutions to meet your exacting requirements offering total protection of the high quality products you produce.



## PROTECTION WITHOUT LIMITS. JUST A FEW CLICKS AWAY.



Surface Protection solutions where you need them, when you need them, with consistently reliable service and excellent quality standards: that is our customer promise. As part of the family run POLIFILM Group, one of the leading manufacturers of polyethylene film solutions, we have a global network of production sites, sales offices, service and logistics centres and trusted distribution partners. We can therefore combine rapid response at a local level, with the flexibility of a global player backed by a reliable family business.

### PRODUCTION LOCATIONS

Germany  
France  
Italy

Israel  
China  
USA

### DISTRIBUTION LOCATIONS

Germany  
France  
United Kingdom  
Italy  
Spain  
Israel

China  
Mexico  
South Africa  
Turkey  
USA  
Australia

### GLOBAL DISTRIBUTION PARTNER NETWORK

More than  
20 distribution partners  
worldwide