

# ProFoil

## (Metallizable Co-Extruded Cast Polypropylene Packaging Film)

**Our ProFoil Metallizable Film** has an exceptional tear resistance for packaging applications requiring durability. It provides excellent printability and seal strength needed for your unique packaging solution. Ideal for barrier food applications. ProFoil is ideal for in mold label applications.

### Applications:

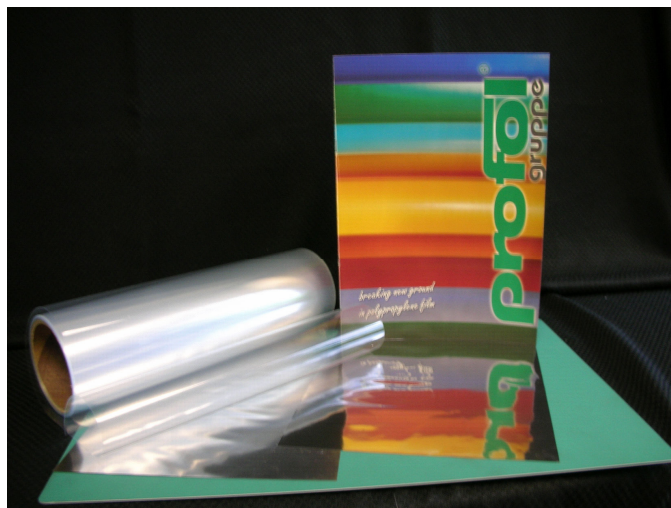
- Barrier bags and pouches, reflective surfaces
- In Mold Labels (IML) - signage, cups, displays, etc.

### Advantages:

- High gloss
- Excellent seal strength
- Exceptional tear resistance
- Low coefficient of friction for easy feeding on high speed packaging equipment
- FDA compliant grades available
- Easy to print and laminate
- Designed for IML applications

### Specifications:

- Cast polypropylene film
- Improved corona treated on one or both sides for better metallizing
- Thickness range: 1.2 mil to 5.5 mil thick
- Web widths up to 93" wide (Material can be slit in-line to custom roll widths)
- OD up to 30"
- Clear film is standard. Custom colors are available upon request



### Typical Material Properties :

#### In-mold label (2.6 mil)

Property:	ASTM Test:	Units:	Value:
1% Secant Modulus (MD)	D-882	1000 psi	187
Tensile Strength (MD)	D-882	psi	6356
Elongation (MD)	D-882	%	823
Heat Seal Range	Profol Test	°C	114-142

#### Barrier Applications (1.2 mil)

Property:	ASTM Test:	Units:	Value:
1% Secant Modulus (MD)	D-882	1000 psi	211
Tensile Strength (MD)	D-882	psi	11774
Elongation (MD)	D-882	%	586
Heat Seal Range	Profol Test	°C	114-142

\*The statements, technical information, and recommendations contained herein are presented in good faith based upon tests believed to be reliable and/or practical experience. The reader is cautioned that Profol cannot guarantee the accuracy or completeness of the information, and it is the customer's sole responsibility to determine the suitability of Profol's products in any given application.

**American**  
**profol**®  
**Inc.**  
A Profol Group Company

**American Profol, Inc.**  
4333 C-St. SW  
Cedar Rapids IA 52404  
Phone: 319-365-0599  
Fax: 319-365-1696  
<http://www.profol.com>

**Profol Kunststoffe GmbH**  
Profolstrasse 1-10  
D-83128 Halfing  
Germany  
Phone: +(49) 08055-181-0  
Fax: +(49) 08055-799

**Innofol GmbH**  
Geraer Str. 3  
D-07973 Greiz-Gommla  
Germany  
Phone: +(40) 03661-7082-0  
Fax: +(49) 03661-7082-10