

ProTort-1

(Cast PP Film for Retort Packaging)

ProTort-1 is a low gloss cast PP film engineered for use as a sealant layer in retortable food pouches.

Advantages:

- Low gloss surface for easy-to-open pouches
- Engineered for easy lamination
- Creates strong heat seals for durable packages

Specifications:

- Low gloss clear cast PP packaging film
- Available corona treated on one side (standard) or both sides
- 2 mil to 5 mil thick film available
- Web widths up to 76" wide
(Film can be slit in-line to customer specifications.)

FDA Compliance:

American Profol's ProTort-1 cast polypropylene film is manufactured from raw materials that comply with the following FDA regulations:

- 21 CFR 177.1520(c) 3.2.a
- 21 CFR 178.2010
- Condition of use A, described in 21 CFR 176.170(c) Table 2

*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 American Profol cannot guarantee the accuracy or completeness of the information, and it is the customer's sole responsibility to determine the suitability of American Profol's products in any given application.



Retort Pouches with ProTort 1 Sealant Layer

Typical Properties (4 mil thick film):

Property:	Test:	Value:
CD Tensile Strength	Profol Test	4056 psi
CD 1% Secant Modulus	Profol Test	138 kpsi
CD Elongation	Profol Test	944%
C.O.F. (dynamic) – treated side	ASTM D1894	0.67
C.O.F. (dynamic) – untreated side	ASTM D1894	0.72
Heat Seal Range	Profol Test	140 to 149° C
Haze	ASTM D1003	74 %
Gloss – corona treated side	ASTM D2457	12
Gloss – untreated side	ASTM D2457	10

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