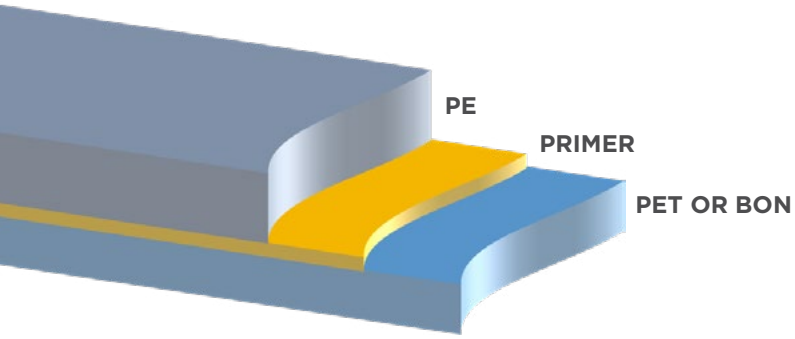
TRANSMD® STERILIZABLE POUCH FILMS

SUPERIOR MOISTURE RESISTANCE

TransMD sterilizable medical device pouch films utilize a proprietary Transcendia primer system that provides a unique combination of seal strength and moisture resistance for ultimate seal integrity.

PRODUCT CONSTRUCTION



TRANSCENDIA PROPRIETARY PRIMER TECHNOLOGY > **SUPERIOR MOISTURE RESISTANCE** > **PREVENTS DELAMINATION** > **INCREASED CONFIDENCE**

POTENTIAL EFFECTS OF DELAMINATION

- Compromised aseptic presentation
- Reduced microbial barrier
- Product damage

FILM TO TYVEK PRODUCT FAMILY	
200 SERIES	**300 SERIES**
• PCH-202: 100/200 BON/PE • PCH-203: 100/300 BON/PE	• PCH-301: 48/200 PET/PE • PCH-302: 48/250 PET/PE • PCH-320: 92/200 PET/PE • PCH-321: 92/300 PET/PE

Transcendia

To contact a Healthcare materials specialist, call 800-745-5802 (US), 416-292-6000 (CAN) or visit

TRANSCENDIA.COM/CONTACT-US

ISO 9001:2015 Certified Quality Management Systems

TRANSMD® STERILIZABLE POUCH FILMS

SUPERIOR MOISTURE RESISTANCE

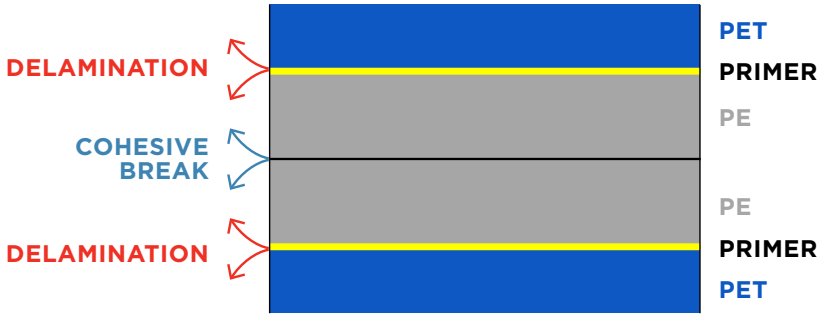
ASTM F88 SEAL STRENGTH TEST

Seal strength is determined by the measure of a package seal's ability to resist separation during exposure to peel test conditions ASTM defined failure modes:

DELAMINATION:
Split within the primer layer between the PE and the Film

COHESIVE (ADHESIVE):
Split between the PE seal layer or within the PE

BREAK (TEAR):
Tear of the film at the seal layer or tab



PCH-301 ASTM F88 SEAL STRENGTH TEST

TRANSMD PCH-301 POUCH FILM WAS LAMINATED TO ITSELF PRIOR TO EXPOSURE.

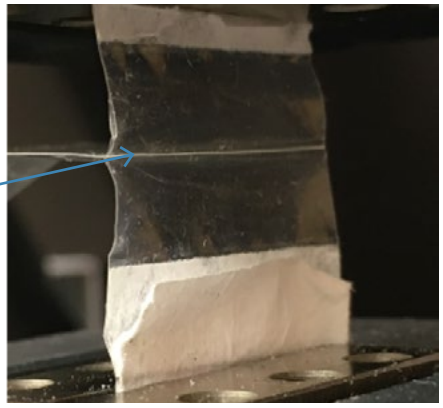
- Lamination conditions:
  - Temperature: 300°F
  - Laminator type: Pouch
- Exposure conditions:
  - Temperature: 140°F
  - Humidity: 95 RH

ASTM F88 PEEL TEST CONDITIONS:

- Peel method: 90 unsupported
- Rate of separation: 12in/min.

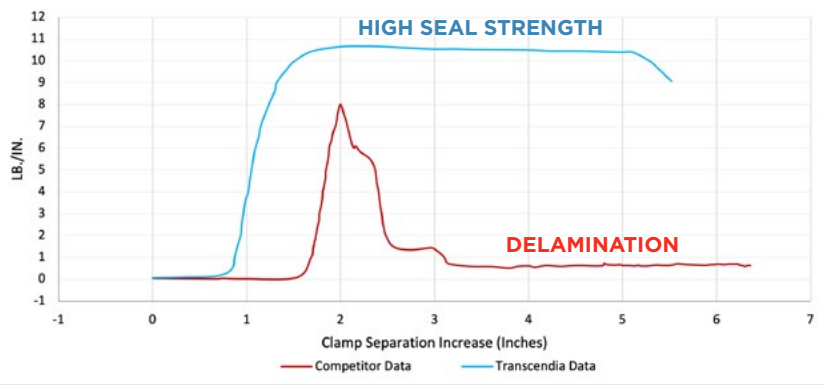
COHESIVE BREAK

Seal strength test performed on day 6 resulted in a cohesive break indicating strong seal integrity and a consistent seal, even when exposed to humid conditions.



PCH-301 DAY 6

SEAL STRENGTH CURVE COMPARISON



- PCH-301 pouch film maintained its seal strength and integrity over the course of multiple days and did not exhibit any delamination during peel tests.
- The result validates PCH-301 pouch film's superior performance and demonstrates how the film protects medical devices and supplies through the sterilization process and beyond.

Transcendia

To contact a Healthcare materials specialist, call 800-745-5802 (US), 416-292-6000 (CAN) or visit

TRANSCENDIA.COM/CONTACT-US

ISO 9001:2015 Certified Quality Management Systems