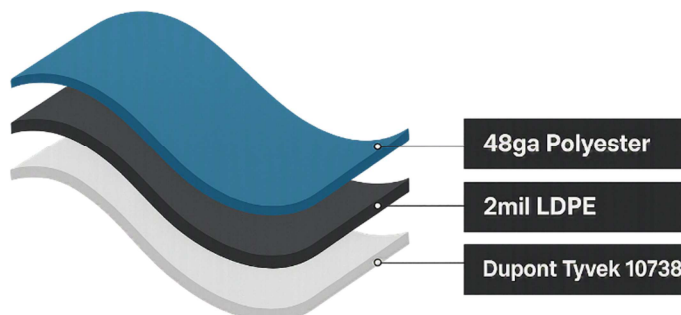


PRODUCT DESCRIPTION:

ReadiPouch® Light Duty Pouch

APPLICATION:

Designed for medical packaging applications requiring lightweight, low-duty packaging performance.



POUCH CHARACTERISTICS:

PET / PE Film sealed to 1073B Tyvek

Tyvek is a registered trademark of Dupont™

The **48 gauge polyester (PET) layer** provides:

- High mechanical strength, stiffness, and resistance to tearing and puncture
- Structure to the pouch's film side and resists damage during handling and distribution

The **2 mil polyethylene (PE) layer** offers:

- Consistent peel performance and low Water Vapor Transmission Rate (MVTR)
- Excellent and reliable heat-sealability at relatively low temperatures

The **1073B Tyvek® layer** is:

- Compatible with VH_2O_2 , EtO, Radiation, and other sterilization modalities
- Highly resistant to bacterial and spore penetration

Physical Data	Units	Typical Values	Test Method
Thickness	mil	2.5	-
Yield	in ² / lb	11,035	-
Tensile Strength (MD)	psi	6690	ASTM D882
Tensile Strength (TD)	psi	6260	ASTM D882
Elongation at Break (MD)	%	70	ASTM D882
Elongation at Break (TD)	%	56	ASTM D882
Elmendorf Tear (MD)	g · F	19	ASTM D1922
Elmendorf Tear (TD)	g · F	17	ASTM D1922
Impact Strength	J	2.8	ASTM D3420
Seal Strength to Itself @ 125°C, 80psi, 1 sec Dwell Time	lbf	Destruct	ASTM F88
WVTR	g / 100 in ² / day	0.5	ASTM F1249

Data provided by material supplier

Biocompatibility Characteristics: ReadiPouch material(s) exhibited no cytotoxic potential under in-vitro conditions when assessed per ISO 10993-5:2009.

Product Suitability: Compatibility, chemical interaction, and material performance between the client's medical device and ReadiPouch packaging shall be evaluated and qualified by the client during final packaging and/or sterilization validation.

The engineering data provided herein reflects typical values and is for informational purposes only. It does not constitute a specification, warranty, or guarantee of performance. Purchasers are responsible for determining product suitability for their intended application and end use. EMPS may provide materials from a variety of suppliers, but all meet the minimum criteria called out herein, as appropriate and sufficient for use as a sterile-barrier packaging system. Eagle Medical Inc. disclaims all express or implied warranties and assumes no liability arising from the use of, or reliance on, this information. Eagle Medical Inc. is FDA registered, ISO 13485:2016 Certified, audited in accordance with ISO 22441:2022 and compliant with ISO 14644-1 CLASS 7 Cleanrooms.