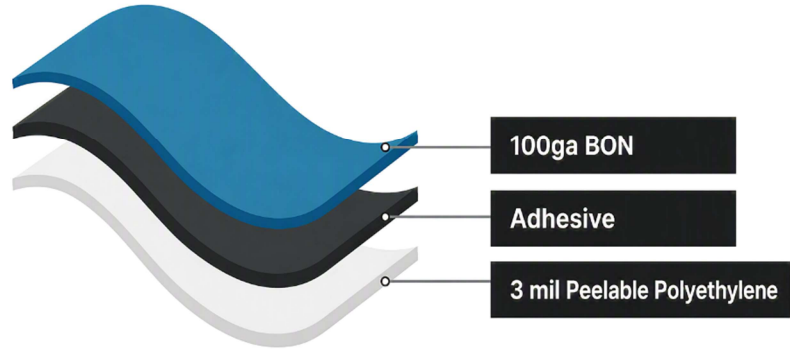


PRODUCT DESCRIPTION:

ReadiPouch® Medium Duty Pouch

APPLICATION:

Designed for medical device packaging configurations requiring enhanced puncture resistance, abrasion resistance, and material durability.



POUCH CHARACTERISTICS:

100ga BON / Adhesive / PE

The **100ga Biaxially Oriented Nylon (BON)** layer provides:

- High mechanical strength to resist tearing and puncture from a sharp or rigid device
- Balanced tensile strength to withstand stresses from shipping, vibration, and handling

The **3 mil Peelable Polyethylene (PE)** offers:

- Strong, reliable heat seals to maintain the sterile barrier
- Effective moisture resistance to protect sterile medical products and increase shelf life

The **ReadiPouch® Medium Duty Pouch** is:

- Suitable for EtO and radiation sterilization modalities

Physical Data	Units	Typical Values	Test Method
Basis Weight	lbs/ream	62.88	ASTM D3776-85
Area Yield	in ² /lb	6,870	ASTM D3776-85
Total Thickness	mils	4.10	ASTM D1777-64
Puncture	lbf	14.50	ASTM 1306-21
Tensile Strength (MD)	psi	9,470	ASTM D882
Tensile Strength (TD)	psi	10,800	ASTM D882
Elongation at Break (MD)	%	140	ASTM D882
Elongation at Break (TD)	%	100	ASTM D882
Seal Strength	lbs/in/width	1.0-3.0	ASTM F88
Sealing Range	°F	285-390	ASTM D5038-90
Moisture Vapor Transmission Rate	g/100in ² /24hrs (100°F, 90% RH)	0.30	ASTM E96
Oxygen Transmission Rate	cc/100in ² /24hrs (At 1 atm)	1.20	ASTM D1434

Data provided by material supplier

FDA Status: All adhesive resins and additives utilized in film lamination comply with applicable requirements of the Federal Food, Drug, and Cosmetic Act for packaging.

Biocompatibility Characteristics: ReadiPouch material 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. 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.