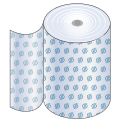




FLEXIBLE FORMABLE PACKAGING



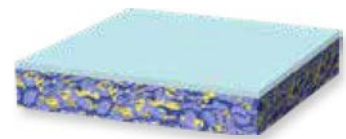
POLYBOND™ RCP 83 gsm



POLYBOND RCP 83 gsm / 51 lb

Polybond RCP 83 gsm is overall coated top web solution made of a 80 gsm fiber matrix saturated with a selection of water-based, synthetic and soft resins to dramatically enhance the mechanical behavior (resistance to puncture, burst, tearing, etc.) of the material. The 3 gsm heat reactive adhesive layer applied on this reinforced base provides controlled sealing performance (sealing strength, high runnability) while ensuring a perfect aseptic opening, including a soft peeling effect. With a renewable resource content of more than 70% for better environmental performance, Polybond RCP 83 gsm is designed to seal to flexible formable film grades such as PA/PE, PP/PA/PE or PP/PE substrates. Polybond RCP 83 gsm is compatible with EO and irradiation sterilization processes.

Coated Polymer Reinforced Web



Typical applications:

Polybond RCP 83 gsm offers a combination of reinforced materials and medium thickness gauge which is particularly adapted for the packaging of medical devices that require a large peel angle. The repeatability of the seal performance also provides a high level of safety. A sterile barrier system particularly fit for catheters, tubings, infusion sets, but also for small gowns or kits which are packed in flexible formable packaging.

MATERIAL DESCRIPTION

POROUS WEB

Product designation	POLYBOND™ RCP 83 gsm / 51 lb		
Product description	Coated Polymer Reinforced Web		
Recommended sterilization	EO / Irradiation		
	STANDARD TEST METHOD	UNIT	TYPICAL VALUE
Substance	ISO 536	g/m ²	83
Substance	ISO 536	lb	51
Thickness	ISO 534	µm	100
Thickness	ISO 534	mil	3.9
Tensile strength	ISO 1924-2	kN/m	5.8
Burst strength	ISO 2758	kPa	400
Tearing strength	ISO 1974	mN	625
Cobb test	ISO 535	g/m ²	16
Pore size	EN 868-2:2009 (App. E)	µm	17
Air permeance	ISO 5636-3	µm/Pa.s	2.4



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