



Optym™ DirectSeal

Performance packaging seal

DirectSeal provides a consistent seal across temperatures with uncoated paper and flash spun high-density polyethylene (HDPE), and can be used with DuraMed™ for the ultimate performance in seal strength, sterility, and cost savings.

Features & Benefits

- Seals to uncoated fiber and porous substrates
- Eliminates top web coating for cost savings
- Delivers consistent seal strength across wide operating window
- Highly engineered seal properties to meet end user requirements
- Releases cleanly from uncoated fiber leaving no fiber tears or loose fibers
- Peeled areas exhibit tamper evidence
- Produced in Dalton, GA

Ideal for

- Roll stock for form-fill-seal, pouch lamination, and header bags
- Medical paper
- Molded fiber
- Nonwovens such as Duramed™ and Tyvek™

APPLICATION	PRODUCT CODE	BASIS WEIGHT (LBS/3000 FT ²)	GAUGE (MILS)	TENSILE BREAK		ELONGATION BREAK		SEAL STRENGTH AT 275F (#/IN)
				MD (PSI)	TD (PSI)	MD (%)	TD (%)	
Forming	X7-23939-723.14	61.2 lbs	3.0/4.0	>7700	>6750	>400/525	>400/525	~1
Header	X3-229-2794.0	57.4 lbs	3.0/4.0	4000	3500	250	600	~1
Sealant	X3-115-2817.0	28.8 lbs	2.0	>2750	>1750	250	500	~1

To make Berry part of your medical packaging process, please contact us at: MedicalFilms@berryglobal.com



Berry Global leverages our sustainability leadership, unmatched global capabilities, and deep innovation expertise to serve customers of all sizes around the world.

 **Sustainability Leadership**

Collaborating Across the Value Chain to Achieve More Together for a Circular Economy

 **Global Capabilities**

Serving Customers of All Sizes Around the World with our Unmatched Global Capabilities

 **Innovation Expertise**

Creating Innovative Packaging and Engineered Products that Make Life Better for People and the Planet.

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Our Customer Promise

We partner with customers to develop, design, and manufacture innovative products with an eye toward the circular economy. The challenges we solve and the innovations we pioneer benefit our customers at every stage of their journey.

