



CORETECH PERFORMANCE FILM SOLUTIONS
HIGH PERFORMANCE FILMS
FOR MEDICAL LINERS

PROTECTION WITHOUT COMPROMISE





HIGH PERFORMANCE FILMS FOR MEDICAL LINERS

CoreTech is a world leader in the development and manufacture of release films for skin mounted devices in medical and pharmaceutical applications. Through our global technology and manufacturing expertise, we are committed to providing outstanding quality and exceptional value by developing innovative, high-performance solutions for your medical device needs.

CoreTech Performance Film Solutions has more than 30 years of experience in developing custom solutions for the most demanding medical and pharmaceutical applications. With a broad portfolio of release coatings and options for customized formulations, **CoreTech** specialty medical films are commonly used in medical solutions due to their unique properties, such as high chemical resistance, high thermal stability, and excellent biocompatibility.

All products are manufactured in compliance with USFDA regulations in ISO 9001-2010 environments. We work closely with the end customer to meet time-sensitive schedules and provide Class 10000 and Class 1000 clean room products to meet the most stringent applications. Saint-Gobain's expertise in transforming films for precision applications has made us an industry leader in these markets.

DIFFERENTIATION AND CO-DEVELOPMENT THANKS TO...

DESIGN ASSISTANCE

- Materials selection
- Tailored release coatings
- Pilot line prototypes
- Rapid turnaround
- Analytical support and testing

PRODUCT MANUFACTURING

- Lot control and traceability
- Class 1000 and Class 10000 clean room manufacturing and slitting
- In-line inspection
- Real-time coating analysis
- Final quality assurance certificate of analysis

STANDARD MEDICAL RELEASE LINER COATINGS:

Coating	Release Type	Base	Typical Base Thickness		Saint-Gobain Cast Acrylic Adhesive Test	Release from Tesa 7475
			mils	µm	Grams/2 in.	Grams/in.
6024	Moderate	PET	1 – 5	23 – 125	50 ± 25	110 ± 200
6113	Easy	PET	1 – 3	23 – 75	20 ± 10	10 ± 5
9011	Easy	PET	1 – 5	23 – 125	50 ± 25	15 ± 10

	Release System	Adhesive Compatibility	Surface	Applications	Shelf Life / Warranty
4000 Series	UV Cationic Silicone	Compatible with a variety of adhesives	Smooth surface, adjustable release formula and easy winding	For transdermal applications	12 months
6000 Series	Platinum Thermal Silicone	Compatible with a variety of adhesives	Smooth surface and easy winding	Limited number of coatings for medical applications	6 months
7000 Series	UV Cationic Silicone	Compatible with a variety of adhesives	Smooth surface, adjustable release formula and easy winding	For transdermal and thermoformable device applications	12 months
8000 Series	UV Acrylate Silicone	Compatible with a variety of adhesives	Smooth surface and easy winding	For transdermal applications	12 months
9000 Series	Fluorosilicone	Adhesive-specific	Smooth surface for easy winding		6 months

ADDITIONAL OFFERINGS AND EXPERTISE

- Global reach
 - Local solutions provider
 - Custom design and manufacturing
 - Wide range of expertise and roll-to-roll processing
 - Precision coated and laminated film solution
- Temperature-controlled coating environment
 - Regulatory and compliance document expertise
 - Drug Master File (DMF) listed products
 - Final quality assurance certificate of analysis



Saint-Gobain Research
and Development Centers



Saint-Gobain
Performance Film Solutions Sites

CoreTech

PERFORMANCE FILM SOLUTIONS

CoreTech Performance Film Solutions specialty medical films are commonly used in medical solutions due to their unique properties, such as high chemical resistance, high thermal stability, and excellent biocompatibility. Whether pharmaceutical packaging components that ensure no product contamination or transdermal drug release liners already registered with medical authorities, we can help with expert product suggestions and product co-development.



Easy non-stick **release**



Chemical, and thermal **protective barrier**

www.coretechfilms.com



SAINT-GOBAIN
PERFORMANCE FILM SOLUTIONS

717 Plantation Street
Worcester, MA 01605
Tel: (508) 852-3072
Fax: (508) 852-3759