

# 3M™ CoTran™ 9700

## Melt-blown Polyurethane Nonwoven Backing

### Description:

This backing is a soft, conformable, melt-blown polyurethane, nonwoven that has multidirectional stretch properties. The standard beige product is supplied in a roll with a carrier for easy handling in the fabrication of transdermal, topical and transmucosal drug delivery systems.

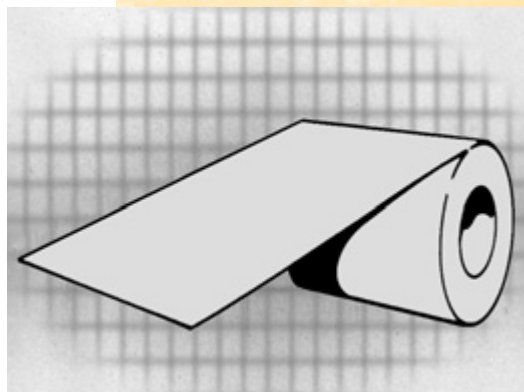
### Characteristics:

- Soft, skin-like texture
- Multi-directional stretch
- No binders
- Excellent chemical resistance with many formulations
- Non-occlusive
- Provided on carrier for ease of handling
- Can be directly laminated to adhesive
- Manufactured for use in pharmaceutical products

### Material Properties:

Test data presented are average values and are not intended to be used for specification purposes.

Properties:	Nominal Values U.S.	Nominal Values Metric
<b>Caliper</b>		
Without carrier	9 mils	228 µm
With carrier	14 mils	355 µm
<b>Tensile</b>		
MD	4.2 lbs./in.	18.7 N/25.4 mm
CD	3.4 lbs./in.	15.1 N/25.4 mm
<b>Elongation</b>		
MD	500 %	500 %
CD	500 %	500 %
<b>MVTR</b>		
(g/m <sup>2</sup> /24 hr)	8408	8408
<b>Removal from Carrier</b>		
	2.1 oz./in. width	60 g/25.4 mm



Backings



**3M Drug Delivery Systems**

# 3M™ CoTran™ 9700 Polyurethane Nonwoven Backing

## General Information:

	Nominal Values U.S.	Nominal Values Metric
<b>Length:</b>		
Maximum	400 yds. on 3 in. I.D. cores	366 m on 76 mm I.D. cores
Approximate roll diameters:	400 yds.–16.5 in. 250 yds.–13.0 in.	366 m – 42 cm 229 m – 33 cm
<b>Width:</b>		
Maximum	48 in.	122 cm
<b>Sample Roll:</b>	10 yds. × 6 in.	9 m × 15 cm
<b>Minimum Order Quantity:</b>	134 yd <sup>2</sup>	111 m <sup>2</sup>

## Traceability:

Each roll and shipment will contain a lot number which is traceable through production records to input materials and process conditions. Material traceability will be in compliance with United States current Good Manufacturing Practices (cGMP).

## Product Safety:

Product safety is characterized by the following evaluations:

- *In vitro* Cytotoxicity

Further testing results not available at time of this printing. Please ask your 3M National Account Manager for an update.

## Storage Conditions:

The product should be stored at temperatures between 32–86°F (0–30°C) and relative humidity less than 75 percent. Stability testing is in progress. Estimated shelf life is two (2) years from the date of manufacture, when stored under recommended conditions.

## Product Use:

Customer is solely responsible for determining the suitability of Transdermal Components for the intended use and performing any necessary safety testing.

## For More Information, Please Call:

**U.S.A.** (800) 643-8086

**Europe** 44 (1509) 613070

**Japan** (03) 3709-9671

[www.3M.com/DDS](http://www.3M.com/DDS)



See 3M General Conditions of Sale for Transdermal Components for warranty information and other terms of sale.



### Drug Delivery Systems

3M Center, Building 275-3E-10  
St. Paul, MN 55144-1000  
U.S.A.  
(800) 643-8086  
FAX (651) 633-2072

### 3M Health Care Ltd. Drug Delivery Systems

Morley Street  
Loughborough  
Leicestershire, LE11 1EP  
England  
44 (1509) 613070  
FAX 44 (1509) 613099

### 3M Drug Delivery Systems Japan

スリーエムヘルスケア株式会社  
薬事部  
本社：158-8583東京都世田谷区玉川台2-33-1  
(03) 3709-9671  
FAX (03) 3709-8754

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