

# 3M™ CoTran™ 9715 Membrane

## Controlled Caliper Ethylene Vinyl Acetate (EVA) Membrane

### Description:

This intact (continuous) membrane has very uniform caliper. The higher percentage of vinyl acetate increases the lipophilicity of the membrane. The product is supplied in roll form for use in the fabrication of transdermal, topical and transmucosal drug delivery systems.

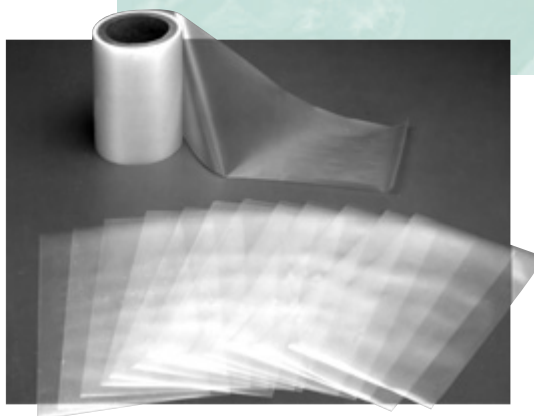
- 19% vinyl acetate
- Translucent
- Corona-treated on both sides
- Uniform 3 mil caliper, crossweb and downweb
- Heat-sealable
- Can be laminated directly to adhesives
- Manufactured for use in pharmaceutical products

### Film Properties:

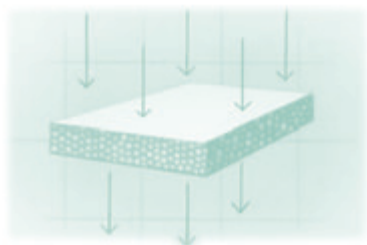
Test data presented are average values and are not intended to be used for specification purposes.

Properties:	Nominal Values	Nominal Values
	U.S.	Metric
<b>Caliper</b>	3 mils	76.2 $\mu\text{m}$
<b>Vinyl Acetate Content</b>	19 %	19 %
<b>Tensile</b>		
MD	6.6 lbs./in.	29.4 N/25.4 mm
CD	4.4 lbs./in.	19.6 N/25.4 mm
<b>Elongation</b>		
MD	300 %	300 %
CD	600 %	600 %
<b>MVTR</b>		
( $\text{g}/\text{m}^2/24 \text{ hr}$ )	64.8	64.8

Note: 3M test methods and product specifications available upon request.



Membranes



**3M Drug Delivery Systems**

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## General Information:

	Nominal Values U.S.	Nominal Values Metric
<b>Length:</b>	2000 yds. on 3 in. I.D. cores	1827 m on 76 mm I.D. cores
Approximate roll diameters:	2000 yds. – 17 in. 1500 yds. – 15 in. 1000 yds. – 12 in.	1827 m – 43 cm 1372 m – 38 cm 914 m – 31 cm
<b>Width:</b>		
Maximum	48 in.	122 cm
<b>Sample Roll:</b>	25 yds. × 6 in.	23 m × 15 cm
<b>Minimum Order Quantity:</b>	134 yd <sup>2</sup>	111 m <sup>2</sup>
<b>Maximum Per Roll:</b>	1700 yd <sup>2</sup>	1411 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.

## Product Safety:

Product safety is characterized by the following evaluations:

*In vitro* Cytotoxicity

USP Plastics Class V Extraction

- Acute Systemic Toxicity
- Intracutaneous Irritation

## Storage Conditions:

The product should be stored at temperatures between 32–86°F (0–30°C) and relative humidity less than 75 percent. The product will maintain the stated performance, for a period of two years from the manufactured date, 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

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70-2008-9264-7