

3M™ CoTran™ 9716 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.

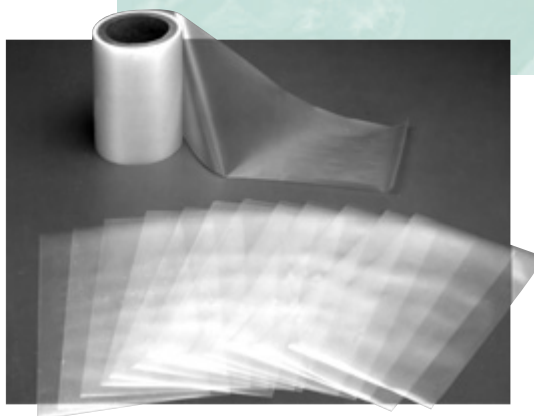
- 19% vinyl acetate
- Translucent
- Corona-treated on both sides
- Uniform 4 mil caliper, crossweb and downweb
- Heat-sealable
- Can be laminated directly to adhesives
- Manufactured for use in pharmaceutical products

Film Properties:

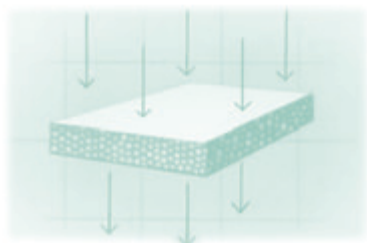
Test data presented are average values and are not intended to be used for specification purposes.

Properties:	Nominal Values	Nominal Values
	U.S.	Metric
Caliper	4 mils	101.6 μ m
Vinyl Acetate Content	19 %	19 %
Tensile		
MD	8.8 lbs./in.	39.1 N/25.4 mm
CD	6.6 lbs./in.	29.4 N/25.4 mm
Elongation		
MD	400 %	400 %
CD	800 %	800 %
MVTR		
(g/m ² /24 hr)	48.6	48.6

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
Length:	1250 yds. on 3 in. I.D. cores	1138 m on 76 mm I.D. cores
Approximate roll diameters:	1250 yds. – 16 in. 850 yds. – 13 in. 500 yds. – 10 in.	1138 m – 41 cm 777 m – 33 cm 457 m – 25 cm
Width:		
Maximum	48 in.	122 cm
Sample Roll:	25 yds. × 6 in.	23 m × 15 cm
Minimum Order Quantity:	134 yd ²	111 m ²
Maximum Per Roll:	1050 yd ²	872 m ²

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



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

3M

Drug Delivery Systems

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