3M Scotchpak™ MB285

Heat Sealable Polyester Film Laminate

Description:

This laminate consists of pigmented polyethylene, aluminum vapor coated polyester and an ethylene vinyl acetate heat seal layer. The 3M proprietary lamination process does not use solvents or adhesives, minimizing potential for product interactions. The product is supplied in roll form for use in manufacturing.

Characteristics:

- Tan
- Heat-sealable (12% EVA)
- Hight barrier films
- Printable
- Matte finish
- · Non-corona treated
- Can be laminated directly to adhesives
- Manufactured for use in medical and 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 Metric
Caliper		
Sealant Thickness	1.5 mils	37.85 μm
Total Thickness	2.84 mils	71.1 μm
Seal Strength		
	7 lbs./in.	31.14 N/25.4 mm
Tensile		
MD	12 lbs/in	53.4 N/25.4 mm
CD	15 lbs/in	66.7 N/25.4 mm
MVTR	0.02	0.02
(g/100in ² /24 hr)	0.02	0.02
(g/m²/24 hr)	0.3	0.3
Oxygen Transmission (cm³/100 in²/24 hr)	2.0	2.0
(cm ³ /100 in ² /24 hr)	0.13	0.13
(cm ³ /m ² /24 hr)	2.0	2.0

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



0.8 mil Pigmented Polyethylene Aluminum Vapor Coat 0.56 mil Polyester 1.5 mil EVA Copolymer Heat Seal





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General Information:

	Nominal Values U.S.	Nominal Values Metric
Length		
Maximum	1500 yds. on 3 in. I.D. cores	1372 m on 76 mm I.D. cores
Approximate roll diameters	1500 yds. – 14.5 in.	1372 m – 37 cm
Width		
Maximum slit roll width	40 in.	101.6 cm
Sample Roll	6 in x 25 yds	15 cm x 23 m

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 Support Information:

This film has passed the requirements of USP <661>, Physicochemical Tests - Plastics. Additional product support information is available upon request.

Storage Conditions/Shelf Life:

The product should be stored at temperatures between 32-86 degrees Fahrenheit (0-30C) and relative humidity less than 75 percent. Do not store exposed to sunlight or UV lighting. The product will maintain the stated performance for a period of two years from the manufactured date, when stored under recommended storage 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. 1-800-643-8086 Europe (49) 2131-14-2473 Japan (03) 3709-9671 Singapore (65) 6450 8888 www.3M.com/DDS

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



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