



Technical Data Sheet

3M™ EBL Landing Zone KN-5059



[Product Details](#)



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Product Description

3M™ EBL Landing Zone KN-5059 provides industry leading softness and closure performance for hook and loop systems on disposable baby diapers and adult incontinence briefs. We offer generic and custom graphic options to enhance your brand and connect with consumers. Our loops are manufactured using a non-woven web bonded to a film layer, resulting in a distinct structured soft surface. 3M™ EBL Landing Zone KN-5059 is compatible with a variety of hooks.

Product Features

- Premium peel and shear performance with a variety of 3MTM Hooks and 3MTM Hook Laminates
- High loft construction helps make dependable closures fast and easy
- Continuous film backing for robust diaper line processing
- Custom print designs available in a variety of formats to meet growing market trends toward registered cut and "size-specific" designs
- Global supply network ensures availability



Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Performance Characteristics

Attribute Name	Test Method	Backing	Value
Overlap Shear Strength	TM 3749		≈ 6500 ¹ gf/25.4mm ¹
135° Peel	TM 3731	2 mil PET	≈ 700 ¹ gf ²
MD Tensile Strength	TM 3200		≈ 2300 gf/25.4mm ³
Shear-Peel	TM 3740		≈ 1300 ¹ gf ¹

¹ Max Load, 13mm x 25.4mm

² Max Load, 19mm x 25.4mm

³ Max Load, 25.4mm x 25.4mm

Attribute Name	Value
Note	¹ Tested with 3M Hook Test methods are available through 3M Personal Care Application Engineers. Disclosure of additional physical properties can be made upon customer's request relating to specifics of customer's intended use.

Storage and Shelf Life

Material shall meet the requirements of the specification for 12 months from the date of manufacturing for unprinted materials and 10 months from the date of manufacturing for printed materials when stored in its original closed package under recommended storage conditions of 50°F (10°C) and 80°F (27°C) and relative humidity between 50% and 80%. Storage at temperatures above 80°F or opened packaging may shorten shelf life.

Ordering Information

For lead times and minimum order quantity, please contact your 3M Sales Representative.

Available Sizes

Attribute Name	Value
Core Size (ID)	152.4 mm (6 in)
Note	Other sizes available upon request
Roll Diameter	≈ 1016 mm (≈ 40 in)
Standard Roll Length	≈ 3700 - 3900 m (≈ 4046 - 4265 yd)
Standard Width	119, 129, 141, 155, 172, 193, 221 mm (4.69, 5.08, 5.55, 6.1, 6.77, 7.6, 8.7 in)

Available Sizes - Detailed

Roll Width	Length (m)	Roll Weight	Rolls per bundle	Bundle gross weight
119	3700	59	10	590
129	3700	64	9	576
141	3700	70	8	560
155	3700	77	7	539
172	3700	86	6	516
193	3700	96	6	576
221	3700	110	5	550

Default packaging is pallet-less bundles. For non-standard packaging, contact your 3M account manager or application engineer.

Information

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Technical Information

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3M
Closure and Masking Systems Division
3M Center, Building 225-35-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com

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