English-US

Last Revision Date: April, 2025

Supersedes: September, 2024

Regulatory Info/SDS

Technical Data Sheet

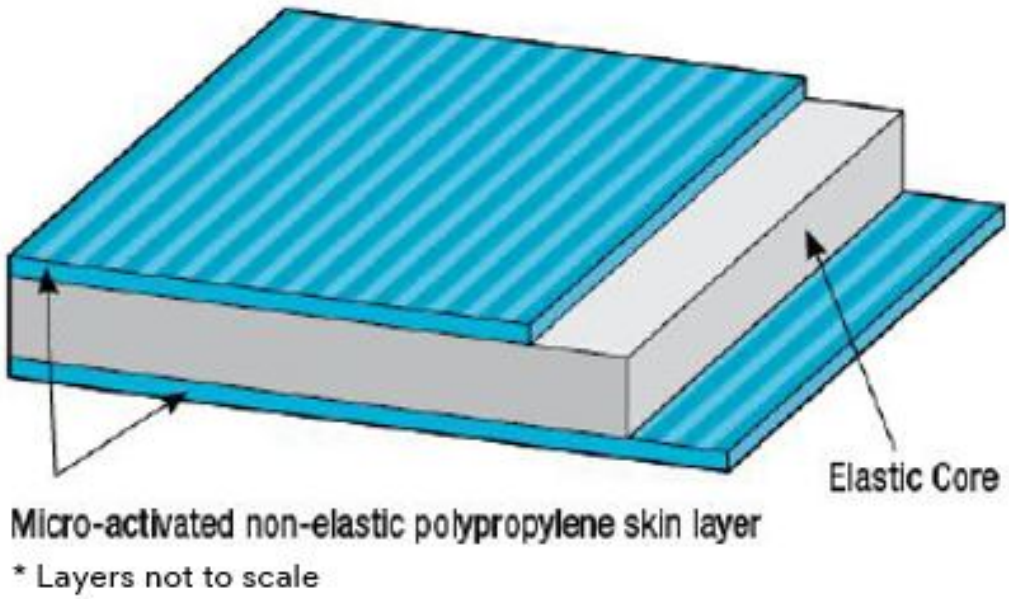
3M™ Waist Elastic Film B-430

Product Description

3M™ Waist Elastic Film is a thin, multi-layer elastic film designed for a stretchable waistband that allows for an easy unwind and reliable equipment application. The product's high elasticity and consistent retraction force supports comfort, fit and containment in infant and adult incontinence briefs while minimizing red-marking on sensitive skin.

The elastic's optimized retraction force and minimal permanent set allows the product to be easy to stretch and apply on manufacturing lines. Its long yardage roll length enables fewer roll changes and results in higher line efficiency. Our solutions deliver comfort, reliability, security and discretion to babies and adults who rely on absorbent articles.

3M™ Waist Elastic Film is available in multiple colors which allows for individual diaper designs and color matching of components to create a more attractive diaper. Our products are designed to meet a wide range of closure design needs across diaper aesthetic compatibility needs.



Product Features

- Soft, cushiony waistband allows comfortable fit
- Adapts to baby's individual shape to help prevent leakage
- Helps minimize red marks on baby's skin
- Thin, multi-layer elastic has low stretch and retraction force with minimal permanent set which makes it easy to stretch and apply
- Higher levels of elongation to improve material utilization and visual appearance
- Color options available for customizing product designs and color matching of other diaper components (White, Blue, Green, Purple)
- Significantly improves productivity, material handling and reduced storage space

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 Physical Properties

Attribute Name	Value
Color	White Blue Green Purple

Typical Performance Characteristics

Attribute Name	Test Method	Test Condition	Value
Elongation		Force of 200 g	85 — 150 %
MD Load at 10% Elongation	TM 3467		458.9 gf/25.4mm (4.5 N/25.4mm)
CD Force at 50% (2nd Upload)	TM 3468		0.9 N/25.4mm (91.8 gf/25.4mm)
CD Force at 100% (2nd Upload)	TM 3468		1.5 N/25.4mm (153 gf/25.4mm)

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 12 months from date of manufacture.

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
Packaging	https://multimedia.3m.com/mws/media/2069489O/image-231-jpg.jpg

Information

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Disclaimer: 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, or death. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit www.3M.com.

Important Notice

Test methods are available through Personal Care Technical Service. Disclosure of additional physical properties can be made upon customer's request relating to specifics of customer's intended use. This 3M product is of a specialized nature and restricted by 3M for sale to specifically approved accounts. 3M may modify, limit, or cancel a product or product type. This product is not intended for resale except as a component to the purchaser’s end product.

Customer Commitment

The 3M Personal Care Business is committed to providing customers with innovative, superior quality products and accompanying excellence in service and responsiveness that enable you to be successful in your business endeavors. In partnership with 3M customers, and using a long-standing industry leadership position, uncompromising integrity, local representation, and access to a wealth of 3M technologies, the highly motivated 3M global team will focus on solving your most challenging problems and provide innovated, value added, sustainable solutions that meet the unique needs of a variety of industries.

3M™ Industrial Specialties Division
3M Center, St. Paul, MN 55144-1000
www.3M.com

3M and the 3M logo are Registered trademarks of 3M
©3M 2025 (4/25)