

Arclin® Kevlar® AS K240S

TECHNICAL DATA SHEET

HYBRIDIZED SOLUTIONS FOR MULTITHREAT PROTECTION

- Arclin® Kevlar® AS K240S laminated film structure is a sophisticated solution capable of protecting the body armor wearer with a single-layered high-performance resin system, which provides thin, flexible and strong laminated sheets for multithreat protection, including stab, spike, efficient trauma reduction and bullet resistant.
- The Kevlar® AS range of products consists of selected fabrics made of Arclin® Kevlar® fibers that are laminated and cured with an Arclin® proprietary film.
- The tough light-weight laminate film structure enables good flexibility to protect greater surface area in the thoracic region without discomfort or restrained freedom of movements.
- Kevlar® AS K240S is available in large sheets which facilitates the cutting of patterns and enables hybridization solutions with any other anti-ballistic products with reduced yield losses during vest manufacturing.

PROPER USE

- Sheets must be converted into shaped components which are suitable for the intended end-use.
- It is the responsibility of the armor manufacturer to design suitable products and obtain the relevant certifications before releasing end products using Kevlar® AS K240S to end users.

PROPER HANDLING

- Avoid tearing and crushing the product.
- Do not use bleach or products containing bleach to clean Kevlar® AS K240S
- Ensure that the correct handling procedure is followed in accordance with package weight when rolls are being transported.

PROPER STORAGE

- Store in dry temperate area avoiding storage conditions exceeding 60°C (140°F) and avoiding direct exposure to sun or UV light.
- Cover the product with black impermeable plastic.



TECHNICAL DATA

PROPERTY	NOMINAL VALUE
Sheet Size, (cm)	130 x 215
Areal density*, (g/m²)	235

* Conditioned Weight, 20°C / 65 RH (ASTM D1776)

Visit kevlar.com to learn more

Product safety information is available upon request. This information is provided in good faith as technical guidance based on our current product knowledge and may be updated as new information becomes available. It is for experimental purposes only and does not replace independent testing to determine suitability for varied applications. Arclin is unable to anticipate all manufacturing, processing, handling, application or end-use conditions and therefore MAKES NO EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES AND ASSUMES NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION. Nothing herein shall be construed as a license or recommendation to infringe any patent or other intellectual property rights.

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