

Arclin® Kevlar® XD K140

TECHNICAL DATA SHEET

HIGH PERFORMING KEVLAR® UD

- Arclin® Kevlar® XD K140 is a 2-ply unidirectional product that can simultaneously reduce weight while strengthening ballistic performance in soft body armor solutions designed to combat a wide range of standard and special threats.
- Made with 100% genuine Arclin® Kevlar®, XD K140 offers industry leading performance, while eliminating the hassle and uncertainty of multi-sourced materials and conversion processes.

PROPER USE

- Place the layers in the same direction to achieve optimal performance.
- It is the responsibility of the vest manufacturer to design suitable products and obtain the relevant certifications before releasing vests to end-users.

PROPER HANDLING

- Avoid tearing and crushing the product.
- Follow proper handling procedures in accordance with package weight when transporting rolls.
- Do not use bleach or products containing bleach to clean Kevlar® XD K140.

PROPER STORAGE

- Store in dry area, avoiding storage conditions exceeding 66 °C (150 °F) and avoid direct sun and UV light exposure.
- Keep product covered with black impermeable plastic.

CONSTRUCTION

- Uni-directional composite sheets cross-plied 0°/90° and sold in rolls.



TECHNICAL DATA

PROPERTY	NOMINAL AIM
Width, (cm)	160
Length, (m)	250
Areal density* (g/m²)	140

* 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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