

ARCLIN Kevlar®

# Arclin® Kevlar® FA K190H

TECHNICAL DATA SHEET

## PRODUCT SPECIFICATION

| | |
|---|---|
| PRODUCT | Kevlar® Brand Fabric |
| STYLE | FA K190H |
| YARN | KM2 Plus |
| WEAVE | Plain |
| DECITEX / DENIER | 1100 / 1000 |
| FINISH | Heat Set |

Below are recommendations to help ensure the longevity and high performance of this product. Follow these guidelines to ensure optimal performance of the product.

## PROPER USE

- Fabrics must be converted into products which are suitable for the intended end uses.
- It is the responsibility of the armor manufacturer to design suitable products and obtain the relevant certifications before releasing end products using Kevlar® FA K190H to end users.

## PROPER HANDLING

- Ensure that the correct handling procedure is followed in accordance with the package weight when rolls are being transported..

## PROPER STORAGE

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



## TECHNICAL DATA

| PROPERTY | NOMINAL VALUE |
|---|---|
| Areal Density (g/m2) | 185* |
| Width (cm) 160 | 120 |
| Threads Warp (E/10cm) | 85 |
| Threads Weft (E/10cm) | 85 |

*Conditioning Temperature C(F): 20 ± 2 [68 ± 4], Humidity RH: 65 ± 5, time- + 17 hours, ASTM D1776

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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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