



**FABRIC
DEVELOPMENT
INC.**

**EXPERT
APPLICATION
WITH WOVEN
PRODUCTION
OF SPECIALITY
APPLICATION
FABRICS**

**FROM
PROTOTYPE AND
CUSTOM RUNS
TO HIGH VOLUME
PRODUCTION**





**FABRIC
DEVELOPMENT
INC.**

OVERVIEW

Providing specialty fabric applications since 1972

Fabric Development, Inc. (FDI) was established in 1972 to manufacture specialty woven fabrics to meet specialty end use requirements. In time, FDI has greatly expanded its capabilities to work with all high performance fibers, including Carbon (standard to ultra-high modulus), Aramid (Kevlar&Twaron), Spectra, Ceramics, Quartz, Teflon, Nomex and Vectran. FDI has manufactured these fibers in a variety of fabric geometries, hybrid structures, polar weaves and multilayer fabric structures. This capability allows FDI to serve the expanding needs of specialty fabric applications.

FDI works with material property requirements, drawings and cost considerations to recommend yarns, fabric construction and weave design best suited to your application. Not only can FDI manufacture a fabric for a specialized application, it can then transition those unique structures into a high volume production run.

Today, Fabric Development Inc., operating as a Kordsa company, offers a robust manufacturing capability to meet the demand for specialty fabric applications throughout the world.

PRODUCTS

Manufacturing over 2000 different style fabrics in a wide range of widths and thicknesses

| STANDARD PRODUCTS | | | | | | |
|--|--------|-----------|-----------|-------------|------------------|---------|
| KEVLAR 49 FABRICS | 645 | PLAIN | 34X34 | 195 DENIER | 195 DENIER | 58 gsm |
| | 378 | PLAIN | 17X17 | 1140 DENIER | 1140 DENIER | 170 gsm |
| | 646 | 4HS | 17X17 | 1140 DENIER | 1140 DENIER | 170 gsm |
| | 613 | PLAIN | 13X13 | 1420 DENIER | 1420 DENIER | 162 gsm |
| KEVLAR 29 FABRICS | 095 | PLAIN | 31X31 | 1000 DENIER | 1000 DENIER | 280 gsm |
| | 411 | LENO | 20x6 | 1500 DENIER | 1500 DENIER | 217 gsm |
| CARBON FABRICS | 824 | PLAIN | 24x24 | 1K | 1K | 125 gsm |
| | C105 | PLAIN | 12.5x12.5 | 3K | 3K | 193 gsm |
| | 1116 | 2X2 TWILL | 13X13 | 3K | 3K | 198 gsm |
| | 1001 | 2X2 TWILL | 12X12 | 6K | 6K | 370 gsm |
| | 1300 | 5HS | 12x12 | 6K | 6K | 370 gsm |
| | 1266 | 2x2 TWILL | 10.5x10.5 | 12K | 12K | 650 gsm |
| | 1843/1 | PLAIN | 8X8 | 12K | 3K | 310 gsm |
| TAPES—C105 is in stock in widths ranging from 1" to 6". Other tapes are available on a custom order basis. | | | | | | |
| HYBRID FABRIC | 1640 | 2X2 TWILL | 13X14 | 3K | 1500 Den. Kevlar | 193 gsm |
| UNDIRECTIONAL FABRIC | 1848 | PLAIN | 9X5 | 12K | 225 1.0 GLASS | 300 gsm |

FDI has developed hundreds of other fabrics for specific end use applications, feel free to contact us with your specific fabric requirements.

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