

## DATASHEET

**AEGIS** is a technical **multilayer fabric** based on a **patented 3D weaving pattern** that optimizes impact and shock absorption in both **flat and deformed configurations**. Thanks to its **warp-interlock 3D weaving architecture** and **low areal density**, AEGIS offers perfect formability for even the most complex shapes.

### Key Features :

- Can be used in **flat, deformed**, or **draped** configurations,
- Suitable for **dry use**, or can be **impregnated** or **resin-coated**,
- Excellent performance for: **soft armour** systems, **hard armour** (helmet, ballistic plate...), **composite reinforcement** for impact resistance



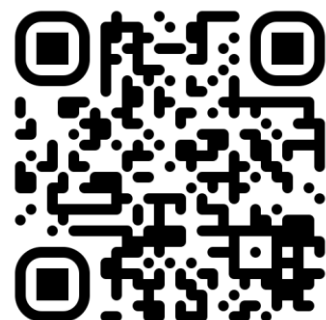
### COMMERCIAL CONTACT

Bertrand Meslier  
+33 787 15 78 81

[b.meslier@tibeka-protections.com](mailto:b.meslier@tibeka-protections.com)

<https://tibeka-protections.com>

### E-DATASHEET



# AEGIS DATASHEET

## COMPOSITION AND MANUFACTURE

<b>Fibers</b>	100% TWARON® para-aramid fibers
<b>Weaving</b>	3D warp interlock patented
<b>Manufacturing location</b>	France
<b>Standard width</b>	217 cm
<b>Roll length</b>	50 linear meters
<b>Colour</b>	Yellow

## TECHNICAL DATA

<b>Weight (one layer)</b>	NF 12127	772 g/m <sup>2</sup>
<b>Thickness (one layer)</b>	ISO 5084	1,52 mm (± 0,2)

## GENERAL NORMS

<b>Flexibility test</b>	NF EN 1735	23,5 cm
<b>Puncture resistance</b>	EN 388+A1	56 N (level 1)
<b>Abrasion resistance</b>	EN 388+A1	30 000 frictions (level 4)
<b>Cut resistance</b>	EN 388+A1	16,22 (level 3)
<b>Tear resistance</b>	EN 388+A1	> 500 N (level 4)
<b>Flexibility test</b>	NF EN 1735	71 mm

## BALISTIC NORMS

<b>Level</b>	NIJ IIIA	0101.06
<b>Maximum perfored layers</b>	<b>9mm FMJ 8,0g</b> (>440 m/s)	Flat position : 3 Deformed (female breast) : 2