

Kozane[®] Invicta

Art. 500.2019



Kozane[®] Invicta features outstanding tear, puncture, and abrasion resistance, and it is our most durable fabric. Initially designed for tear-resistant garments for vulnerable patients and prisoners where traditional clothing and bedding may increase the risk of self-harm, and for motorcycle safety apparel due to its extremely high abrasion resistance. Its unique properties also make it suitable for a wide range of applications which require extreme durability, such as footwear or luggage manufacturing.

EN 388: 2016	Level	Ratings
Abrasion resistance	4	>8,000 cycles
Tear resistance	4	408.2N
Puncture resistance	4	394N
Cut resistance	B	7.3N

Weight/surface density **470 g/m²**

Roll width **1.87m**

Roll length **20m**

Colour **Black or Grey Marl**

Safety and care instructions



Patent WO 2018/097737 A1

Potential applications:

- ✓ Tear-resistant (seclusion) clothing and bedding for mental health and prison/corrections
- ✓ Extremely durable footwear, luggage, upholstery
- ✓ Abrasion resistant protective motorcycle apparel and gear
- ✓ Reinforcements (i.e., knees and elbows) for puncture, tear, and abrasion resistance
- ✓ Bite and scratch resistant clothing for professionals in mental health and special education

Recommended Sectors:

- ✓ Sports and Leisure
- ✓ Healthcare and Social Care
- ✓ Prisons and Corrections
- ✓ Security/Army

