

# | DEFENDER® M



PROVEN TO BE THE BEST  
INHERENT FR FABRIC FOR  
OPERATIONAL UNIFORMS

**Defender® M – DM 9210**  
**6.2 osy (210 gsm)**

## **UNBEATABLE DURABILITY**

Excellent resistance to wear, tear and fading are combined to provide a long useful garment life. The flame-resistant properties are built in and cannot be washed out.

## **HIGHLY COMFORTABLE**

The fabric has been engineered with Lenzing FR® fibers, making it the most comfortable combat fabric in terms of breathability, moisture absorption and evaporation.

## **OUTSTANDING VALUE**

Suitable for application in protective clothing for naval forces, ground forces, air forces, special forces and law enforcement.

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TECHNICAL DATA		Defender® M – DM 9210
Nominal Weight		6.2 osy (210 gsm)
Construction		Ripstop plain
Colors		Solids and camouflage
Fiber Content		Lenzing™ FR, Para-Aramid, Polyamid, Anti-static
PHYSICAL TESTING		
Tensile strength	ISO 13934-1: 1999	900 N x 800 N (± 10%)
Tear strength	ISO 13937-1: 2000	35 N x 35 N (± 10%)
Abrasion resistance on Martindale	ISO 12947-2: 2002	50,000 @ 12 kPa
Dimensional stability	ISO 5077:2007	± 3%
Heat resistance 180°C	ISO 17493: 2000	± 5% shrinkage. Does not melt or self ignite
Air permeability	ISO 9237: 1995	> 120L/M²/s @ 100 Pa

All mentioned data must be considered as indicative values. To the best of our knowledge all information contained herein is accurate. TenCate Protective Fabrics declines any form of liability related to the use of the attached specimen that shall be regarded as a sample only and therefore not meant to be used in any form of garment making.