

DEFENDER[®]M



PROVEN TO BE THE BEST
INHERENT FR FABRIC FOR
OPERATIONAL UNIFORMS

Defender[®] M – DM 9180
5.3 osy (180 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.

DEFENDER® M

TECHNICAL DATA		Defender® M - DM 9180
Nominal Weight		5.3 osy (180 gsm)
Construction		Twill
Colors		Solids and camouflage
Fiber Content		Lenzing™ FR, Para-Aramid, Polyamid, Anti-static
PHYSICAL TESTING		
Tensile strength	ISO 13934-1: 1999	750 N x 650 N (± 10%)
Tear strength	ISO 13937-1: 2000	45 N x 40 N (± 10%)
Abrasion resistance on Martindale	ISO 12947-2: 2002	50,000 @ 12 kPa
Dimensional stability	ISO 5077:2007	± 3%
Flame resistance	ISO 15025: 2000	Meets ISO 14116: 2008 Index 3
Heat resistance 180°C	ISO 17493: 2000	± 5% shrinkage. Does not melt or self ignite
Air permeability	ISO 9237: 1995	> 300L/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.