

Press release

marketing communication

TenCate Millenia™ fabrics selected by Dutch Zaanstreek-Waterland fire brigade

The Dutch Zaanstreek-Waterland fire brigade has opted for TenCate high-tech fabrics in their turnout gear. These protective materials from TenCate will be used in 800 new fire-fighting suits for their brigades. The suits will be supplied in partnership with the LHD Group in Germany. TenCate Millenia™ fabrics will be used for the lightweight outer shell, the protective thermal liner and reinforcement parts. The first 285 suits are expected to be delivered in July 2014.

Firefighter suits from four suppliers were tested, with different types of fabrics and different garment constructions. This fire brigade will use garment made of the same protective fabrics as used since 2012 by the fire brigade of Amsterdam-Amstelland.

Karin Klein Hesselink, end-use market manager at TenCate Protective Fabrics, explains: "The Zaanstreek-Waterland fire brigade subjected the suits to various stringent tests. Physical tests were performed by firefighters under 'cold' and 'hot' conditions, to determine fitness and freedom of movement, as well as moisture and heat regulation performance. In addition to fighting fires, firefighters also turn out to a wide variety of other emergencies, including road traffic accidents and other rescue operations. These various situations require multifunctional clothing that is lightweight, comfortable, strong and protective. The TenCate Millenia™ fabric is ideal for these purposes".

Inherently flame-resistant fabrics

The outer shell used in these new suits is made from the innovative TenCate Millenia™ MI9180 fabric; the strongest and lightest outer shell available on the market. Even when this protective fabric is exposed to intense heat and flames, the fabric remains strong and supple. This inherently flame-resistant fabric provides firefighters with optimal protection. The suits are also equipped with a TenCate inner layer, the TenCate thermal liner CQ703. This high-end thermal liner has a smooth surface and is lightweight, thus ensuring optimal freedom of movement. The combination of these TenCate fabrics reduces heat stress, allowing firefighters to work longer hours, and shortens the time required for physical rehabilitation.

TenCate Protective Fabrics

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TenCate Protective Fabrics is the global leader in the development, production and marketing of protective and safety fabrics for industry, services, fire-fighting and defence. TenCate Protective Fabrics has manufacturing facilities in North America, Europe and Asia.

Royal Ten Cate (TenCate) is a multinational company that combines textile technology with chemical processes and material technology in the development and production of functional materials with distinctive characteristics. TenCate products are sold throughout the world.

Systems and materials from TenCate come under four areas of application: safety and protection; space and aerospace; infrastructure and the environment; sport and recreation. TenCate occupies leading positions in protective fabrics, composites for space and aerospace, antiballistics, geosynthetics and synthetic turf. TenCate is listed on NYSE Euronext (AMX).