



QUALITY WITH CERTAINTY.

Trevira is the most important manufacturer of polyester fibres in Europe and, at the same time, the only one to offer the complete range from polymer to fibres and texturised filament yarns. This provides the decisive synergic advantage reflected in textile expertise in the further processing of apparel and home textiles, and semi-technical products.

Trevira is also so successful with Trevira CS and other brands because the high outlay on research, product development and service reaches the customer directly. Furthermore, the monitored trademark contracts guarantee quality without compromise.

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Trevira
THE FIBRE COMPANY

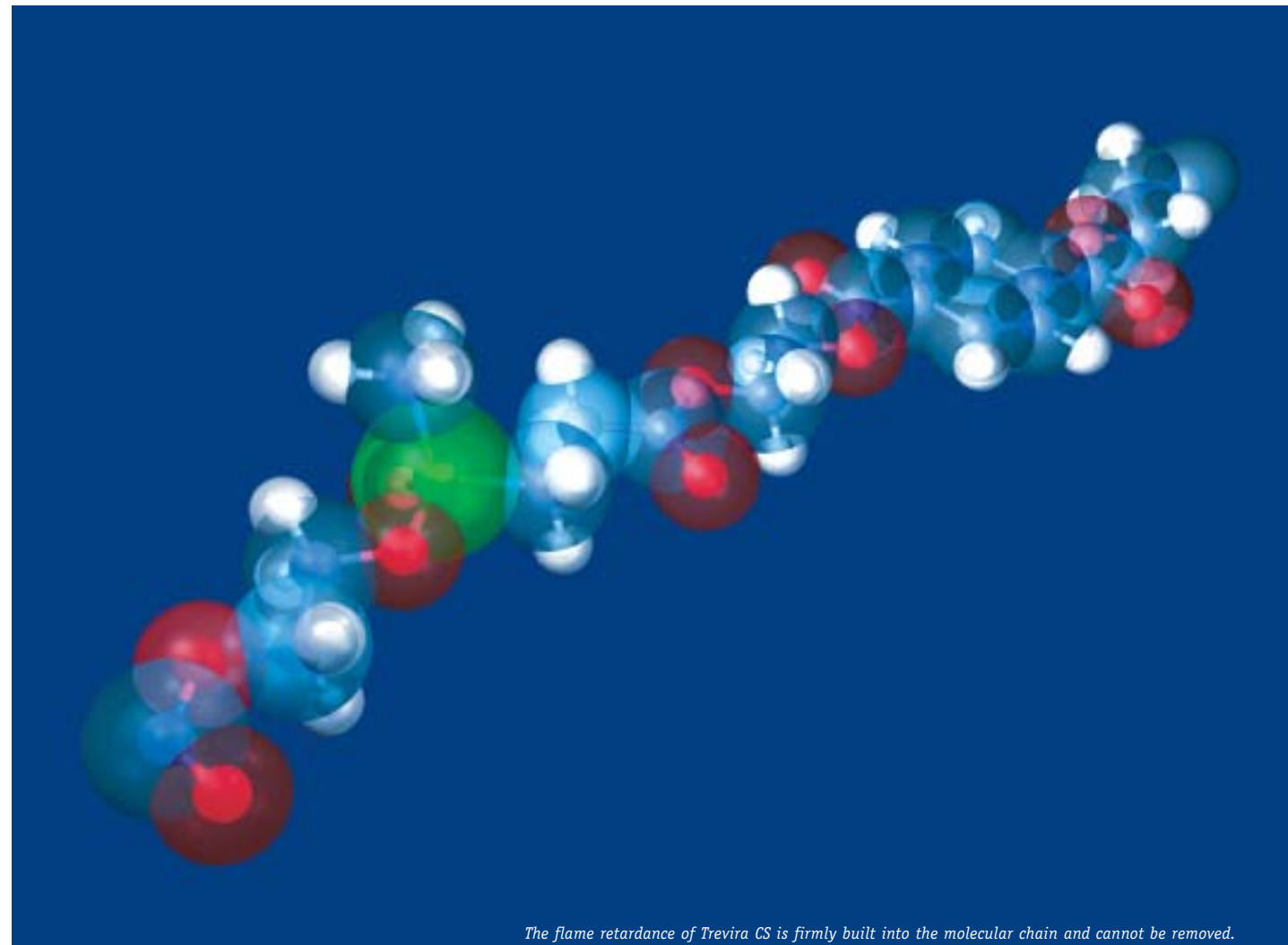
FABRICS FOR SAFETY ON BOARD

**Fabrics that will not turn your
journey into an unwanted adventure.**

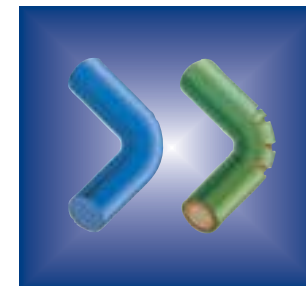
Trevira® registered trademark
TC 447 E-04/01/035



**Your safety can
hang on this thread.**



By land, sea and air – safety comes first. Particularly since it is often subject to mandatory regulation, especially where precautions against fire are involved. Travellers caught up in a fire can quickly find themselves in a desperate situation. To ensure that textile furnishings in different types of transport do not catch fire, either in an accident or as a result of negligence, there is a solution that is visually attractive as well: safety textiles in Trevira CS.



Fibres given an additional treatment for flame retardancy (right) can lose their effectiveness with the passage of time. Trevira CS fibres (left) are flame retardant through and through. Permanently.

MINIMISE THE RISK.

Using Trevira CS flame retardant interior textiles in the various modes of transport reduces the risk of fire at the outset. They prevent flames spreading. In every important and appropriate international test for fire protection Trevira CS fabrics have been classified as „flame retardant“.

PERMANENTLY FLAME RETARDANT.

This special property is locked into the molecular structure of Trevira CS safety fibres and cannot be removed. The materials do not require additional treatment and so will always retain their protective function, no matter how heavy the demands of wear and care.

SAFETY CAN LOOK SO GOOD.

Because safety also has to look good, well-known manufacturers and suppliers from all over the world offer more than 1,000 different collections in Trevira CS fabrics. This choice makes it possible to design safety into textile elements in all types of transport – from seating to decorative interiors and all, of course, in the corporate design colours of the company.



Textiles for passenger vessels must be completely suitable for the high seas.



Above the clouds extremely heavy demands are made on fabrics.



Bringing all the advantages of safety fabrics on track.



Even more safety in road transport thanks to interior textiles that are flame retardant.

**90 seconds we would not
like you to experience.**



5 sec.



40 sec.



60 sec.



90 sec.

FIRE IS FIENDISHLY QUICK.

The situation depicted here demonstrates the crucial nature of the greater degree of safety: in the space of 90 seconds the traditional textiles (right) are enveloped in flames. In contrast, Trevira CS (left) melts slowly and without flames. To avoid a „flaming inferno“ like this, all major industrial countries have produced test standards for combustion that must be strictly observed. Trevira CS textiles meet these important international requirements.

GOING THROUGH FIRE FOR YOU.

As beautiful as they are, the decisive advantage of Trevira CS fabrics is their permanent flame retardance. The fact that our safety textiles do not permit flames to spread is guaranteed by a number of external tests to national and international standards. We can, in addition, arrange for all materials to undergo all the most important combustion tests worldwide in an independent testing house. This is, incidentally, one reason why we have gained such a high reputation in the field of flame retardant textiles. For various institutions and in a number of countries

The basis of the Trevira CS marque is compliance with the stringent conditions of DIN 4102, Class B1, flame retardant.



In France Trevira CS textiles have to pass the „Brûleur électrique“, one of the hardest fire tests in the world.



For combustion tests with Trevira CS decorative fabrics this Small Burn Test to British Standard BS 5852 is used.



we already hold general certificates, which can also be used by our customers in partnership with us. This certification is further supplemented by the ISO 14001 Quality Certificate, a document recognised globally as the highest level within ISO quality standards on safety.

FOR YOUR SAFETY.

The Trevira CS brand is only awarded to flame retardant Trevira fabrics on the basis of a trademark agreement and approval of the brand in our laboratories.

If you travel a lot, you have to be able to cope easily with stresses and strains.



This test simulates typical wear and tear on seating. Here Trevira CS shows high resistance to abrasion and wear.



Maximum wash temperatures are dependent on the specific textile. In general a gentle wash cycle should be used.



Chlorine treatment for chemical disinfection is possible with specific fabrics.



Dry cleaning in the drum is possible with no restrictions.



Ironing at low temperatures is adequate.



Tumble dry at normal temperature.

SITTING OUT THE STRESSES AND STRAINS.

Trevira CS fabrics are thoroughly hardwearing and dimensionally stable. Creases that may occur fall out naturally. Exceptional conductance of moisture and breathability guarantee one will sit comfortably, even on long hauls. Outstanding dyeing properties and colour and light fastness above Grade 7 make journeys a colourful experience. Even over time and after frequent washing the tones do not fade.

ECONOMIC TO CLEAN.

Trevira CS offers outstanding care properties: rapid cleaning, low consumption of water and detergent, short

drying times. They bring economic benefits that keep costs down. Stains, even from acidic drinks like coffee, cola, orange juice or red wine, can be removed with little effort.

ECOLOGICAL AND KIND TO THE SKIN.

International tests have shown that Trevira CS can be classified as anti-allergenic and exceptionally kind to the skin. Furthermore, Trevira CS fabrics hold the Oeko-Tex 100 Certificate – proof that Trevira CS is totally free of harmful substances.

ALL THE ADVANTAGES AT A GLANCE

◆ Wide selection of designs for upholstery fabrics, drapes, nets, bedding fabrics, awnings, roller and vertical blinds, room dividers etc.,	◆ Anti-allergenic
◆ Innovative products through constant development	◆ Permanent flame retardance through modification of polyester fibre, i.e. built-in protection against fire
◆ Resistant to saltwater and stable against damp	◆ Flame retardance is not lost as a result of use, washing or ageing
◆ Easy care	◆ No additional flame retardant finish
◆ Short wash cycles at low temperatures: less consumption of water, detergents and energy	◆ Safety confirmed by general test certification, e.g. DIN 4102, Class B1, flame retardant.
◆ Crease-resistant and dimensionally stable	◆ Very low emission of fumes in the event of fire
◆ High colour brilliance and fastness to light	◆ No after-glow
◆ High resistance to abrasion	◆ Does not decay or turn mouldy
◆ Extremely comfortable for upholstered seating due to excellent breathability	◆ All methods of disinfection may be used
◆ Contains no harmful substances	◆ Continuous trademark monitoring by Trevira ensures high quality products
◆ Certified to Oeko-Tex Standard 100	◆ High profile due to intensive marketing support