



Product Information Sheet

Nanoflex® Range

Specification	
Chemical basis:	modified silicon dioxide
Layer thickness:	approx. 100 - 150 nm
Water resistance:	between 130° and 150° (20µl)
Oil resistance:	between 120° and 130° (20µl)
Slip angle:	not applicable
Temperature stability:	250°C permanent, 450°C peak
Chemical stability:	between pH 1 and pH 13
Weather resistance:	3500h pursuant to ISO 11507 A
Wash stability:	10-40 washes LTD according to (AATCC) Test Method 135, ECE formulation washing powder, non-phosphate reference
Salt water resistant:	yes



Product Information Sheet

Transparency: 100%

Storage stability: 2 years

Temperature sensitivity: 1°C to 30°C

Consumption: 80 - 150 ml/m²

Application: The liquid is applied to the surface using standard pump spray systems. If the substrate does not instantly absorb, roller application is advised to ensure uniform wetting. The coating is fully cured after 24 hours.

Standard unit sizes: 1,5,20,200,960 litres along with bespoke own labelling fulfilment service.

Foulard/padding application is also possible. The wash stability can be increased in this process with Nanoflex WX (crosslinker).

Materials must be free of anionic, surfactant residues. Silicones or surfactants impair performance and adhesion. We would be happy to offer technical support for pre-cleaning, please call on 01691 654 282.

Nanoflex® Tex Range is available in Textile, Tex 2 and Tex 4 quality grades. These formulae contain respectively a lower and/or higher proportion of active components. The product is water-based and a non-hazardous material according to ADR and IATA. It can also be shipped as a liquid concentrate (Nanoflex® Konzentrat TP).

Please observe the safety data sheet when handling Nanoflex®Tex Range.