

Sustainable
coatings

TDS BionicCoat Textiel Kleding T41K



[BIONICPROTECT.COM](https://www.bionicprotect.com)

Technical Data Sheet

BionicCoat Textiel Kleding T41K

DESCRIPTION

BionicCoat Textiel Kleding T41K is an alkyl polysiloxane solution in solvent phase specifically developed for the waterproofing of fabrics and leathers exposed to difficult weather conditions by spraying or impregnating.

EXAMPLES OF APPLICATIONS

- Outdoor fabrics – natural and synthetic leathers.
- Aerosols for reproofing of fabrics and leathers (natural and synthetic).

ADVANTAGES

- Gives outstanding waterproofing to natural fabrics (cotton, blended cottons, linen, etc.) synthetic fabrics (polyamide, polyester, etc.) and natural and synthetic leathers.
- Outstanding abrasion resistance in humid environments and resistance to detergent washing, long lasting waterproofing properties.
- Soft handling.
- Low viscosity and perfectly adapted to impregnation and aerosol application (uniform diffusion).
- Free of fluorinated resins.

CHARACTERISTICS

Appearance	Translucent liquid
Viscosity, at 25°C, mm ² /s, approx	3.5
Solids, %, approx	4.5
Solvent	aliphatic hydrocarbon
Flash point, closed cup, °C, approx.....	24

Usage properties of the treated fabric with BionicCoat 4.1 Textile Ultra:
(90 g/m² polyamide 6,6 fabric – µfibre 78 dtex / 64 threads treated by padding)

Fabric feel	slightly softened
Initial Spray Test (Standard AATC 22-1996)	5
Spray Test after 5 washes	> 3

With standardised reference ECE Standard nonphosphate detergent, Detergent Reference – A, described in standards ISO 6330 or BS 1990 UK-T0.

PROCESSING

To guarantee a uniform deposit, it is recommended to shake BionicCoat 4.1 Textile Ultra before using.

When using aerosols: it is recommended to use butane gas type propellant.

In the case of fabric impregnation, it is recommended to heat it for 3 minutes at a temperature of 150°C. After use, packaging must be tightly closed and protected against moisture contamination to preserve its properties. When packaging has been opened, material should be used rapidly.

PACKAGING

BionicCoat Textiel Kleding T41K can be delivered in 5/20/50 L cans

STORAGE AND SHELF LIFE

When stored in its original unopened packaging, at a temperature of between -20°C and +30°C, BionicCoat Textiel Kleding T41K may be stored for up to 12 months from its date of manufacture.

Comply with the storage instructions and expiry date marked on the packaging.

Beyond this date, BionicProtect[®] no longer guarantees that the product meets the sales specifications.

SAFETY

Please consult the Safety Data Sheet of BionicCoat Textiel Kleding T41K

Visit our website www.bionicprotect.com

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