

#### **TECHNICAL SHEET**

Version: nº2

Edition: 30/03/2021

#### **PROTEXGO**

#### **Textile fiber protector:**

Water and stain repellent, antimicrobial and anti-odour.

# Product description.

PROTEXGO is a protector for textile fibers that repels water (hydrophobic) and stains (oleophobic / anti-stain), also inhibiting the growth of microorganisms (anti-microbial) and the appearance of bad smells. Therefore, it preserves the fabric and all its properties in better condition for a longer time.

The protector is water-based and creates an invisible coating on the surface of textiles without changing their colour or natural breathability.

PROTEXGO has been specifically designed to extend the useful life of fabrics, facilitating their maintenance, cleaning and reducing the need for washing.

Preventive protection and long-lasting action. It withstands up to 5 washes in washing machine or more than 50 cleanings by hand (cloth, sponge, microfiber, etc.).

Product notified to the Spanish Ministry of Health as TP9, according to RD 1054/2002.

#### **Applications.**

Fiber protector used for the conservation of any textile product, which repels water and stains, also preventing the growth of microorganisms and the appearance of bad smells in fabrics:

- Garments;
- Footwear;
- Sports equipment;
- Accessories (gloves, hats, bags, backpacks, suitcases, etc.);
- Upholstered furniture (armchair, sofa, chair, vehicles, trains, airplanes);
- Carpets and rugs;
- Curtains, blankets, duvets, cushions;
- Pet accessories;
- Strollers, shopping trolleys, child seats





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Features and	It extends the useful life of fabrics, recovers performance and improves their appearance,
advantages.	facilitating their maintenance and protection, and thus increasing their period of use.
au van tages.	Hydrophobic protection, it avoids the absorption of water by 99% (Cobb test), depending on
	the fabric.
	Anti-stain protection, reducing the appearance of stains and facilitating cleaning.  Antimicrobial protection, it inhibits the growth of microorganisms on textile surfaces.
	<ul> <li>Antimicrobial protection, it inhibits the growth of microorganisms on textile surfaces.</li> <li>Anti-odour protection, it prevents the appearance of bad smells.</li> </ul>
	Preventive protection and long-lasting action. It withstands more than 50 cleanings by hand
	(cloth, sponge, microfiber, etc.) or up to <b>5 washes in washing machine</b> (depending on the
	wash cycle and temperature).
	■ Washable with conventional cleaning and disinfection products (soaps, hydroalcoholic,
	bleaches, ammonia, etc.).
	It does not interfere with breathability, it allows the natural breathability of fabrics (UNE-EN 14683).
	Tested under dermatological control, resulting NON irritant and obtaining VERY GOOD skin
	compatibility, under clinical study carried out by ANMAR CLINICAL SERVICES S.L.
	Water-based formulation.
	Invisible, it does not change colour or appearance of the fabrics.
	Odourless, after drying.     Fully reapplicable, no need for removing previous product remains.
	<ul> <li>Fully reapplicable, no need for removing previous product remains.</li> <li>Harmless, totally safe formula for industrial or private use and application.</li> </ul>
	Easy application on any type of fabric, by spraying, dipping or foulard.
	Easy application on any type of fashe, by spraying, appling or foliation.
	Colour: Whitish
Product	Colour: Whitish. Formats: 125ml, 500 ml, 5L and 25L.
information.	Volatile Organic Content (VOC) <25% wt
Composition	■ <b>Density:</b> 0,955 g/ml
and physico-	■ Viscosity: 3,25 cP
chemical	■ Boiling Point: 100ºC
properties.	Solvent: Water
Surface	Before its application, the fabric must be clean and dry. It is possible to apply the product on
preparation.	slightly damp fabrics (complete drying of the support is not required), but it may take longer time
	to dry.
	SHAKE THE PRODUCT VIGOROUSLY BEFORE ITS USE.
How to use.	<ul> <li>Apply evenly over the surface to be protected with handheld sprayer, electric/airless spray,</li> </ul>
	backpack, by dipping or foulard.
	<ul> <li>Apply the product ensuring full coverage and according to the absorption capacity of the textile.</li> </ul>
	■ Drying time, around 6 hours (depending on the fabric). Drying can be accelerated using a
	tumble dryer, heat source or direct sun exposure.
	Reapply it when loss of water repellency is observed. Reapply it in clean and dry fabrics. The
	reapplications reinforce the protection and revive the properties of the product.  It can be reapplied when required, depending on the use of the fabric and on its washing or
	cleaning.
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Yields and storage.	<ul> <li>Dilution: none</li> <li>Yield: variable yield according to the fabric to be treated. Average yield of 4-5 m²/litre, ensuring full and uniform coverage of the fabric.</li> <li>Recommended application and storage temperature: between 5°C and 30°C.</li> </ul>
Observations.	When stored in original sealed containers at temperatures between 5°C and 30°C, its shelf life is of 12 months from the date of its manufacture. Avoid direct exposure to sunlight, keep away from heat and flames and prevent it from freezing. The material can settle slowly, therefore it is recommended shaking it before its use.
Handling precautions.	The product safety information necessary for its safe use is not included in this document. Before using this product, read the material safety data sheets and the container labels for safe use and for information on physical hazards and health. The material safety data sheets are available and are supplied by TECNAN.
Limited warranty information.	Please read it carefully:  The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should be used properly, verifying in preliminary tests that the product is suitable for its intended use. Suggestions of use shall not be taken as inducements to infringe any particular patent. The only guarantee of TECNAN. is that the product will meet the sales specifications in effect at the time of shipment. Your exclusive remedy for breach of this warranty is limited to the refund of the purchase price or replacement of any product that is not warranted. TECNAN specifically disclaims any express or implied warranty of fitness for a particular purpose or marketing. TECNAN disclaims responsibility for any damage caused accidentally.