



Stretch
fabrics

KLOPMAN
INTERNATIONAL

QUALITY THAT WORKS

KLOPMAN'S stretch fabric range

Klopman presents to the market a complete new collection of poly-cotton stretch fabrics to offer the wearer superior comfort, flexibility and supreme fitness for purpose.

Klopman stretch fabrics redefine what can be expected from a workwear garment in terms of comfort, thanks to greater freedom of movement and total ease of wear. Superior stretch and recover qualities ensure clothes can flex and respond to movement without placing strain on their construction and, which means they keep their original shape and appearance.



STRETCH



The world can be a better place to work

Star Line, K-Flex and Cool Stretch, three ranges of fabrics to meet every customer's needs, bringing more comfortable working conditions to more and more sectors. These fabrics allow people to work more easily and more efficiently, with garments maintaining their original shape and structure. All of which enhances confidence, morale and a sense of wellbeing in the wearers. Yet at the same time, they have been specifically developed to be durable, practical, hardwearing, easy to care for and long-lasting.



STAR-LINE



MECHANICAL STRETCH

Polyester/cotton blended fabrics produced using Klopman's fabric construction technology, with a weave that gives them a 'natural' stretch without the need for any added fibres to enhance their performance.

Weaving together comfort and image

Thanks to its unique stretchability, Klopman's Star Line gives garments an extra dimension of flexibility and comfort, while their crease-resist finish helps to maintain a crisp and smart appearance. The elasticity of the fabric makes the clothes feel extremely comfortable throughout the working day, even in physically demanding work environments. Suitable for industrial laundering, the fabrics have outstanding performance characteristics, including resistance to shrinkage and pilling, colour fastness, and high tensile/tear strength. They are all extremely durable and have been thoroughly tested to withstand all sorts of applications.



INDIGOSTAR
Mechanical stretch denim

FEATURES

FREEDOM OF MOVEMENT for the wearer compared to traditional workwear fabrics

PERMANENT ELASTICITY PROPERTIES thanks to an exclusive mechanical interlace

UNALTERED FABRIC PERFORMANCE: tear/tensile strength, abrasion and colour resistance all exactly in line with the highest Klopman standards

INDUSTRIAL LAUNDERABILITY at 75°C



From light work to heavy duty: an extensive range

This selection of fabrics offers an extensive choice of weights and colours, so they can be used in a great variety of men's and women's imagewear garments – from casual wear to heavy duty wear. Lightweight fabrics, such as Starlight, are ideal for medical and catering industries, while products like Showstar and Starmaker more than satisfy the specific requirements of medium and heavy industries. Indigostar is a completely new collection of poly-cotton mechanical stretch fabrics with a denim look. They are all extremely durable and suitable for industrial laundering.

Technical information

Fabric	Weight	Blend	Finish	Weave
Starlight	205 g/m ²	65% PES / 35% Co	Crease resist	2x1 Z Twill
Starmaster	200 g/m ²	60% Co / 40% PES	Crease resist	2x1 Z Twill
Indigostar 215	215 g/m ²	65% PES / 35% Co	Crease resist	2x1 Z Twill
Starfield	235 g/m ²	65% PES / 35% Co	Crease resist	Panama
Showstar	250 g/m ²	65% PES / 35% Co	Crease resist	2x1 Z Twill
Indigostar 250	250 g/m ²	65% PES / 35% Co	Crease resist	3x1 Z Twill
Indigostar 275	275 g/m ²	65% PES / 35% Co	Crease resist	3x1 Z Twill
Starmaker	290 g/m ²	65% PES / 35% Co	Crease resist	3x1 Z Twill
Bluestar BT	290 g/m ²	65% PES / 35% Co	Crease resist	Broken Twill

K-flex



EXTREME
STRETCHABILITY

K-Flex is a complete new range of fabrics that blends the XLANCE fibre elasticity with the tenacity of polyester and the breathability of cotton. This innovative and advanced elastomeric fibre combines optimum strength, long-lasting stretch and recovery, great flexibility and the ultimate in shape retention and fit over time.

Extended performances

With K-Flex fabrics, workwear can now have stretch properties similar to everyday garments, making them supremely comfortable to wear. The fabric dynamically flexes and bends with every movement, giving excellent stretch and recovery characteristics. What's more, clothes made with K-Flex are all breathable so the wearer enjoys greater comfort.

K-Flex fabrics have high tear strength, along with excellent dimensional stability. They also withstand high-temperature industrial laundering. All of these factors combine to deliver higher performance over a longer lifespan.





FEATURES

EXTREME STRETCHABILITY WITH A FASTER RECOVERY: a quick and complete recovery to the fabric's original shape time after time

STYLE AND DESIGN: great versatility for garment designers to achieve a stylish look thanks to a smaller cut and fit

VERSATILITY: a wide range of product weights make it ideal for every kind of working condition

EASY CARE & INDUSTRIAL LAUNDERING (according to ISO 15797)

Freedom for the designer's imagination

The K-Flex exclusive blend gives the fabric a hand drape and texture which makes it easy for clothing designers to create a truly stylish look to the finished garment, thanks to a smaller cut and fit.

Technical information

Fabric	Weight	Blend	Finish	Weave
K-Flex 200	200 g/m ²	49% PES - 49% CO - 2% EOL (XLANCE)	Crease-resist OC1	2x1 STwill
K-Flex 215	215 g/m ²	65% PES - 32% CO - 3% EOL (XLANCE)	Crease-resist OC1	2x1 STwill
K-Flex 220	220 g/m ²	48% PES - 48% CO - 4% EOL (XLANCE)	Crease-resist OC1	2x1 STwill
K-Flex 245	245 g/m ²	64% PES - 34% CO - 2% EOL (XLANCE)	Crease-resist OC1	2x1 STwill
K-Flex 245 Panama	245 g/m ²	62% PES - 33% CO - 5% EOL (XLANCE)	Crease-resist OC1	Panama
K-Flex 285	285 g/m ²	64% PES - 33% CO - 3% EOL (XLANCE)	Crease-resist OC1	3x1 STwill
K-Flex 285 Panama	285 g/m ²	54% PES - 43% CO - 3% EOL (XLANCE)	Crease-resist OC1	Panama

COOL STRETCH

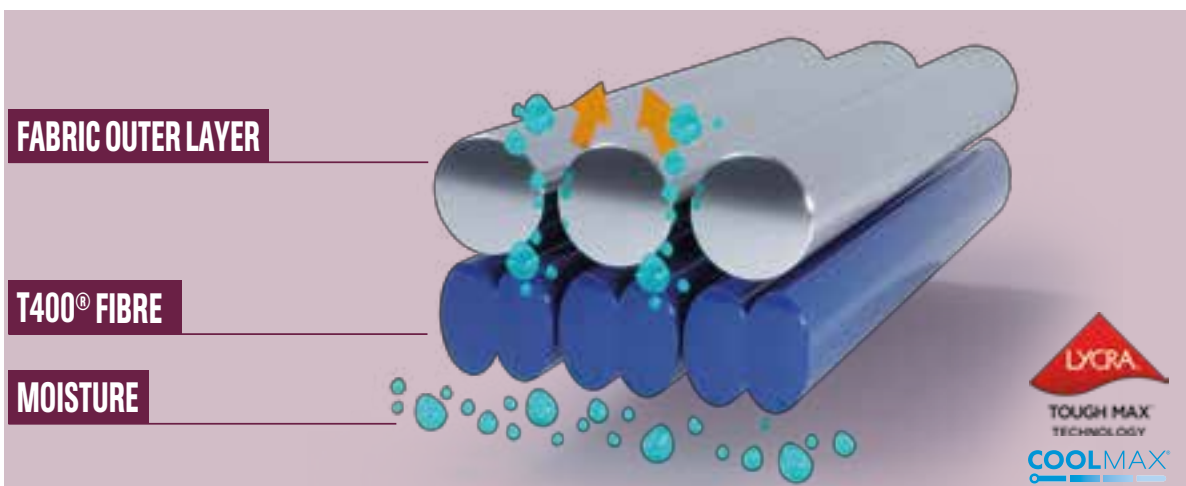


FRESHNESS

With superb comfort with maximum freedom of movement, these fabrics guarantee excellent stretch performance. Superior moisture management together with long-lasting fit characteristics make Klopman's Cool Stretch range, composed of two different fabric weights - Escalade and Lagonda - the best choice for work in all conditions.

EVAPORATION COOLING SYSTEM

Klopman's **Escalade** and **Lagonda** stretch fabrics are certified for LYCRA® TOUGHMAX™ technology as well as COOLMAX® core technology. They contain INVISTA's LYCRA® T400® fiber. Uniquely engineered to give an increased surface area, the profile of this fibre has special channels which pull moisture away from the skin to the outer layer of the fabric – where it quickly evaporates. As a result, the wearer feels cooler and more comfortable, with no unpleasant wetness next to the skin. In addition, the fiber gives the fabric excellent stretch retention and recovery, providing the wearer the added benefits of fit and comfort.



Feel good, look good

These fabrics also have a smooth and soft hand. They hold a permanent crease and retain their shape and fit, even after repeated washing, staying neat and fresh-looking throughout the working day. So garments always look good and present a confident, professional image to the outside world – while the wearer feels an enhanced sense of value and wellbeing.

FEATURES

VERSATILITY: developed for a wide range of garments - from basic workwear essentials to stylish imagewear. Both fabrics are ideal for all kinds of image workwear applications, particularly front offices, where projecting a positive company image is essential

MOISTURE MANAGEMENT: through the combination of stretch with moisture management properties, both Escalade and Lagonda are ideal for warm environments and all kinds of physically active occupations

SUPERB COMFORT: the combination of excellent stretch performance and moisture management properties ensures an unrivalled level of comfort

FREEDOM FOR THE WEARER

EASY CARE laundering up to 60°C

Versatility for a smaller cut and fit

These fabrics not only bring more freedom to the wearer, they offer garment designers much greater versatility, allowing new ideas to be introduced - from the basic essentials of everyday workwear to the stylish tailoring of top-end imagewear - thanks to the smaller cut and fit made possible by the fabric.

Technical information

Fabric	Weight	Blend	Finish	Weave
Lagonda	205 g/m ²	40% CO - 30% EME (LYCRA® T400® Fibre) - 30% PES	Regular	2x1 ZTwill
Escalade	295 g/m ²	46% CO - 38% EME (LYCRA® T400® Fibre) - 16% PES	Regular	3x1 Twill

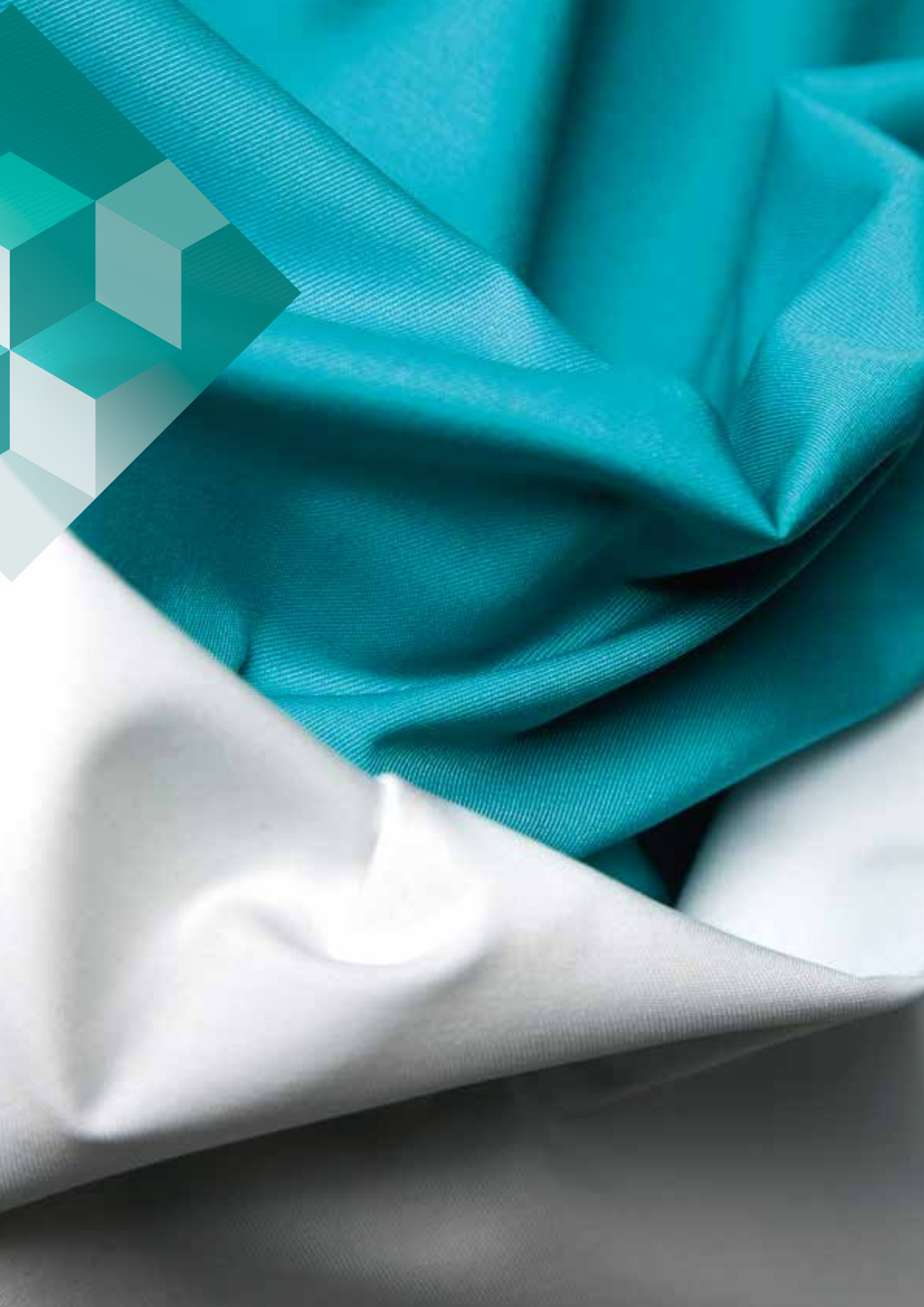
AVAILABLE COLOURS			Starlight	Starmaster	Indigostar (from 215 to 275)	Starfield	Showstar	Starmaker	Bluestar BT	K-Flex line (from 200 to 285 Panama)	Lagonda	Escalade
	Aqua	714001 LGT								✓		
	Black	901001 SPEC X	✓	✓			✓	✓	✓			
	Blue Shadow	471001 SPEC	✓	✓		✓	✓			✓	✓	
	Blue Shadow Cross	471095 SPEC					•					
	Bottle Green	702001 STD					✓					
	Cameo Rose	304001 LGT	✓									
	Candy Red (R)	322101 SPEC X	✓									
	Celestial Grey	464005 LGT	✓							✓		
	Charcoal	912002 STD	✓	✓		✓	✓	•	✓	✓	•	✓
	Chocolate Brown	231070 SPEC					✓					
	Chocolate Brown Cross	231094 SPEC					•					
	Como Blue	501007 SPEC					✓					
	Convoy	912005 STD	✓				✓	✓		✓		
	Coraille	202011 STD	✓									
	Dark Blue Denim	521022 ULTRA			✓							
	Dark Denim	911054 ULTRA			✓							
	Doe	814002 LGT		✓		✓						
	Fire Engine Red	321005 ULTRA				•						
	Guess Brown	232006 STD						•				
	Hedgehog	803001 STD				✓		✓				
	High Visibility Yellow (R)*	153103									✓	✓
	Hospital Blue	602002 STD	✓									
	K-Black	911052 SPEC								✓		
	Khaki	812001 STD						✓				
	Leather	811068 LGT X										✓
	Magic Azur (R)	613102 LGT X	✓									
	Mole Grey	912001 STD					✓					
	Navy	501018 NAVY	✓				✓	✓				
	New Black	901047 SPEC	•			✓	✓				✓	✓
	New Black Cross	901086 SPEC X					•					
	New Empire Red	301001 SPEC	✓	✓			✓			✓		
	New Seville Orange	201001 SPEC X						•				
	Niagara	501004 STD		✓								
	Pale Grey	924001 LGT	✓				✓	•		✓		
	Primrose	143001 STD								✓		
	RC Bianco	000004 WHT		✓								
	Royal Box	502001 STD				✓	✓	✓	•	✓		
	Sailor Blue	501001 SPEC	✓			✓	✓	✓	✓	✓		
	Sheer Lilac	422009 STD	✓									
	Shocking Pink (R)	362001 STD X	✓							✓		
	Smokeberry	371001 ULTRA	•	✓			✓					
	Smokeberry Cross	371018 ULTRA					•					
	Super Black	901027 ULTRA	✓	✓						✓		
	Super White	000014 WHT	✓					•		✓		
	Turquoise	642015 LGT	✓							✓		
	Virtual Grey	914018 LGT					✓					
	White	000020 WHT	✓	✓		✓	✓		✓	✓	✓	
	Wren Grey	911001 STD					✓					

* Lagonda and Escalade are also available in High Visibility Yellow according to EN ISO 20471

For dark/medium-dark colours and reactive colours (R) contact your klopman representative to verify staining performance before general use or in trimming

• New on line colours

~~X~~ No bleaching. (R) Reactive Dye. No bleaching.



To arrange a product presentation or to request samples visit www.klopman.com
or contact our sales representatives at sales@klopman.com



KLOPMAN INTERNATIONAL S.R.L.
Via Armando Vona n. 34
03100 Frosinone (FR) | Italy
tel. +39 0775 2981
fax + 39 0775 293346