



STARLIGHT FEEL

Bacteriostatic Yarn

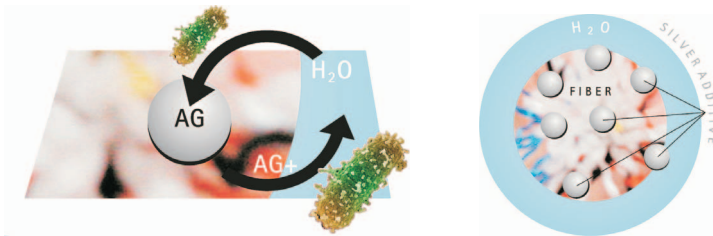
fili POY tutte le specifiche servizio di campionatura sviluppato un proprio sistema con differenti sezioni tipi di poliestere standard e modificati produzione di fili tinti in massa



- Polyester continuous filament with antimicrobial properties
- Its workability is guaranteed by silver ions embedded within the fibre
- New generation compound
- The technology is applied during the extrusion phase without post-processing
- Complete versatility of production and a product range in solution dyed, flame retardant FR and FR-UV stabilized polyester with
- No impact on the textile characteristics of the yarn
- The effectiveness of the bacteriostatic action is guaranteed and certified, its long-lasting effect resists also to repeated washing

Microcompound distributed within the entire mass of the filaments

The spread of the moisture on the filament surface determines the release of silver ions



Silver: natural and antimicrobial

It exercises an effective control of all gram positive and gram negative bacterias

Bacterias gram-positive	Bacterias gram-negative	It's also active on some kind of fungi	
<i>Staphylococcus aureus</i>	<i>Kletsiella Pneumoniae</i>	<i>Chaetonium globosun</i>	(ATCC6205 - DSM 1962)
<i>Enterococcus faecalis</i>	<i>Escherichia coli</i>	<i>Aspergillus niger</i>	(ATCC6275 - DSM 1957)
<i>Bacillus cereus</i>	<i>Pseudomonas fluorescens</i>		
<i>Listeria monocytogenes</i>	<i>Salmonella Enteritidis</i>		
<i>MRSA</i>	<i>Salmonella Typhimurium</i>		

(EN ISO 20743:2007 - JIS 1902:2002)





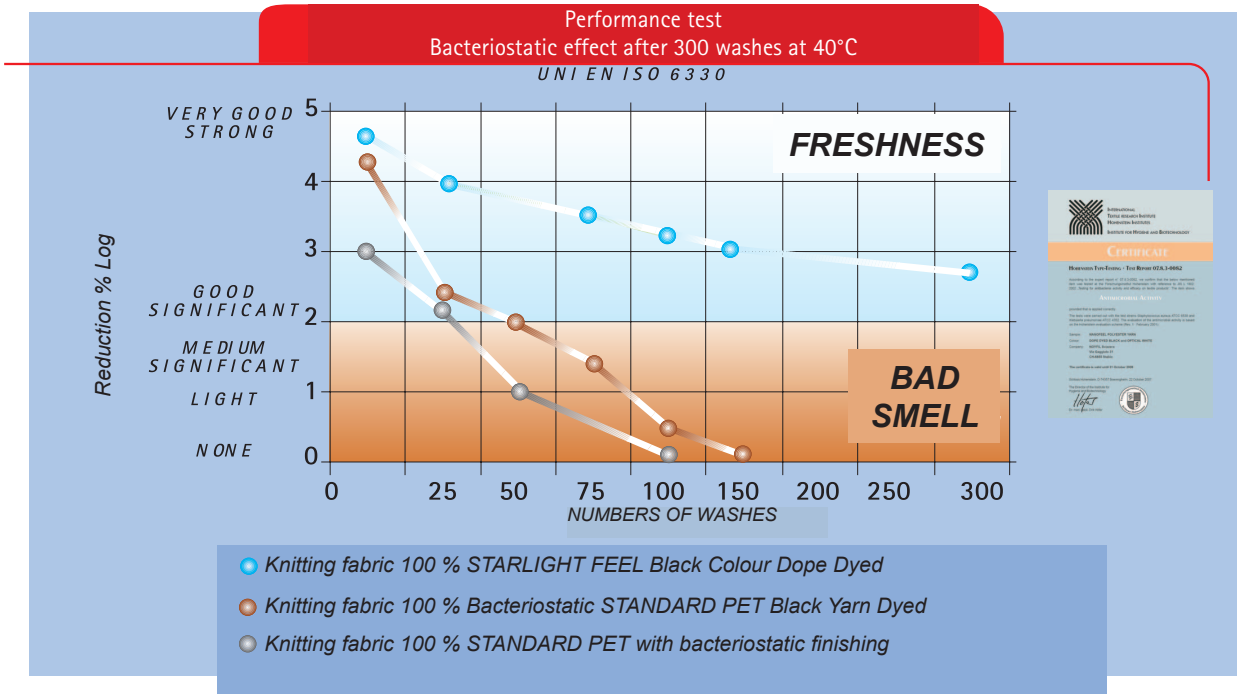
Principles of antimicrobial activities of silver ions :

- They damage the surface of the bacterial cell
- They inhibit breathing through the cell membrane
- They create bonds with the molecules of the bacterias

Effectiveness certified, performance guaranteed

Test in accordance with ISO 20743:2007 and JIS 1902:2002

Performance unaltered after 300 washes at 40 °C



Applications, Sectors

Apparel	Furniture	Automotive	Medical	Technical
Sports	Linen	Seat	Sheets	Filter
Underwear	Covers	Covering	Elastic bands	
Socks	Covering			
Linings	Hospital			
Health				



Multifunctionality

There is the possibility of combining the bacteriostatic functionality of Starlight Feel with the flame retardant properties of Starlight® FR and / or the UV stabilizing effect of Starlight® UV Guard.



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