

# Flame resistant mannequins

Flame resistant mannequins for fire tests on fabrics by Cad Modelling Ergonomics S.r.l.

The new Flame Test Mannequin Formax® by Cad Modelling Ergonomics will be presented in a worldwide preview at the Frankfurt edition of Techtexil 2013 (11-13 June).

Recently conceived to test the performance of garments AND protective clothing, the Formax® Flame Test Mannequin is MADE with a special material and respecting the norms UNI EN ISO 14360, UNI EN ISO 14116 and ENI EN ISO 11612.

The new Formax® Flame Test Mannequin features a fully articulated, non-degrading body form with the possibility of integrating sensors, allowing the technicians to characterize the performance of PPE and workwear in a simulated flash fire environment having controlled heat flux, flame distribution, and duration.

While complying with all the above-mentioned norms, thanks to the experience in the field of the industrial modeling, the new Formax® Flame Test Mannequin allows the creation of clothing ensuring the highest standards of fit, wearability and comfort. Thanks to the constant update of the anthropometric database made by Cad Modelling Ergonomics, the new Formax® Flame Test Mannequin is designed on real anatomy average in every body-shape, for adults and children.

“The sector of corporate-wear requires the production of garments which can ensure comfort and safety – comments Silvio Quattrococo, founder of the Florentine Company – “The quality and handiness of garments is a decisive factor to ensure agility making precise movements and delicate operations”



## Knitted fabrics for protective clothing

A new certified range of fabrics by Argar S.r.l.

Argar Srl is located in Busto Arsizio, district of Varese, is the Italian leading manufacturer of knitted fabrics and accessories addressed to the production of individual protection garments for professional, technical and sports purposes.

Argar Technology, Research & Development Department of Argar Srl, constantly addresses human, technical and financial resources to study new projects aimed at creating certified Protective Knitted Fabrics with innovative functional specifications, in collaboration with most important worldwide fiber producers.

Most recent creations concern the application of Bacteriostatic Sanitizing treatments on several items and the birth of new items group of Flame retardant + antistatic knitted fabrics, featuring, in addition to specific EN11612 and EN1149 certifications, also the high visibility property according to EN471 norm, for which the new certification protocol stated by the upcoming EN20471 norm has been applied in advance.

FFres is the powerful, long lasting Bacteriostatic Sanitizing treatment, based on application of Silver micro composites on the surface of Protective Knitted Fabrics of Argar Technology. The strong antimicrobial properties of this treatment ensure

maximum hygiene and absence of odors, even after frequent washing cycles.

FFres maintains the natural physiological balance of the skin, allowing the proliferation of "good" bacteria only, providing an extraordinary feeling of cleanliness and freshness.

FFres treatment is Oeko-tex® Standard 100 Classe II compliant. NOFLAM®-HV is the new items group of Protective Knitted Fabrics featuring flame retardant + high visibility functions, in Yellow color, fully complying with EN 11612, EN471 and Oeko-tex® Standard 100 Class II norms.

Tes-firESD®-HV items group has same functions of NOFLAM®-HV items group with addition of Antistatic function, resulting in full compliance with EN1149, EN11612, EN471 and Oeko-tex® Standard 100 Class II norms.

Argar Technology guarantees that all its Knitted Fabrics and Accessories are manufactured and ennobled in Italy.

Argar Technology continues in a constant research and development of new certified solutions for Protection, Safety and Comfort.