



# FREUDENBERG PERFORMANCE MATERIALS APPAREL ITALY

## **Sant'Omero Facility**

May 2019



FREUDENBERG Performance materials APPAREL ITALY - Sant'Omero Facility

## Main activity

Vertical production of **hair-interlinings** (canvas)  
for the **menswear tailoring industry**, sold as **pre-made parts** and **roll goods**

FREUDENBERG PERFORMANCE MATERIALS

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## Major customers



FREUDENBERG Performance materials APPAREL ITALY - Sant'Omero Facility

  
GIORGIO ARMANI

  
CANALI

**BOSS**  
HUGO BOSS

**CARUSO**

*Brioni*

*Corneliani*

Ermenegildo Zegna

  
*Brooks Brothers*

FREUDENBERG PERFORMANCE MATERIALS

## Production flow

### • SPINNING **trasfotex** part of FPMA Group



### WEAVING FINISHING CONVERTING

FREUDENBERG  
PERFORMANCE MATERIALS  
APPAREL

SANT'OMERO FACTORY



MARELLI&BERTA



MB PREFORM







### *Historical Milestones*

**2009 - 13**

**Consolidation** of production in Sant'Omero



**2014 - 15**

**Acquisition** of 100% of Trasfotex shares and legal merge in Marelli & Berta



**2016 - 17**

**Establishment** of weaving production at exclusive contractors



**2017**

**Name changed to Freudenberg Performance Materials Apparel S.a.s. di Externa Holding S.r.l. (FPMA) and consolidation with sales organization in Milan** (former Freudenberg Spa)



## Spinning **trasfotex**

### Production of

- weft yarns with goat and camel hair
- selected viscose
- high quality wool fibers

### With complete process:

from bale opening, through carding, combing and ring spinning up to coning



# Production of roll goods Weaving & Finishing

- **Rapier Loom**



- **Horse-Hair Looms**



- **Finishing Processes**  
(Chemical finishing, Decatizing, Napping, Calender, Powder-dot Coating)



- **Inspection & Packaging**



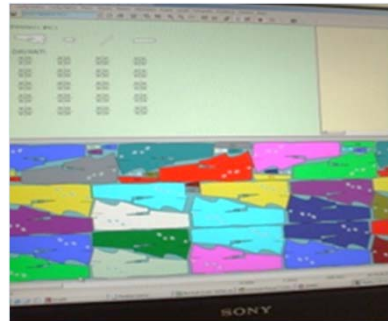
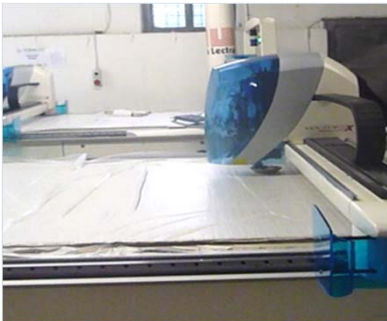
## Converting

*6 production sites in the world*



Production of **pre-made articles** (chest pieces, half-front and full-front, sleeve-head rolls, shoulder pads and undercollar) for a **complete service** to the tailoring industry, including **CAD and pattern making consultancy**

## MB PREFORM



## FREUDENBERG Performance materials APPAREL ITALY - Sant'Omero Facility

### Product Milestones



### Oeko-tex Standard 100 certifications (Class I and II)

- 1903 – Horse-hair interlinings
- 1920 – Hair-interlinings (Goat and Camel)
- 1970 – Fusibles interlinings
- 1998 – Washable Canvas



### Oeko-tex Standard 100 Class I for all new products

- 2007 – “I-Finishing”®
- 2008 – Wadding material in Cotton, Angora and Cashmere
- 2009 – Interlinings for garment-dyeing
- 2010 – Elastic canvas®
- 2011 – Production development and launch of Front Fusing EU
- 2013 – Clima®, printed interlinings
- 2014 – Functional finishings (Printed Rain Barrier®)
- 2016 – Double-Power®
- 2017 – Fighting range, with EU origin
- 2019 - Performance Interlining (Membrane)



## FREUDENBERG Performance materials APPAREL ITALY - Sant'Omero Facility

# Certifications - Company

ISO 9001 (Quality Management System)

ISO 14001 (Environmental Management System)

OHSAS 18001 (Health & Safety Management System)



Since 2000

Updated to the latest release



FREUDENBERG PERFORMANCE MATERIALS

**FREUDENBERG**  
INNOVATING TOGETHER

## FREUDENBERG Performance materials APPAREL ITALY - Sant'Omero Facility

# Certifications - Products Oeko-tex Standard 100 certifications since 1999

Class II: formaldehyde <75ppm  
Complete range  
(more than 260 styles)



Class I: formaldehyde <16ppm  
Selected range (11 styles), but  
capability to develop any style,  
according to needs

**First in Europe  
for Interlinings**



## Quality Control and R&D Activity

Fully equipped Laboratory for physical and chemical testing

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Devices for Lab  
trials  
in preparation to  
industrial  
production

Sampling room  
with  
reference materials



# Thank You