

# *Report*

## *Workshop on “Role of Interlining in Footwear and Recent Developments”*

**Experts:** Mr. Aman Gagneja, Senior Manager-Marketing, Wilhelm Textile India Pvt. Ltd.

Mr. Vivek, Wilhelm Textile India Pvt. Ltd.

**and** Mr. Tipu Sulltan, Gupta Overseas, Agra

**Organized by:** Dept. of Footwear Technology, Faculty of Engineering,  
Dayalbagh Educational Institute (Deemed to be Univ.), Dayalbagh,  
Agra- 282005

**Date and Time:** March 4, 2025

**Venue:** Footwear Fabrication Lab, Old Tannery Campus, Dayalbagh, Agra-282005

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### **Introduction**

Interlining plays a crucial role in footwear manufacturing, acting as a reinforcement material that enhances the durability, comfort, and aesthetics of shoes. The session, led by Mr. Aman Gagneja, provided an in-depth understanding of the importance, types, and applications of interlining in the footwear industry.

### **Understanding of Interlining**

Interlining refers to the materials placed between the shoes upper and lining to provide structural integrity and functional advantages. It helps to maintain the shape of the footwear, improves strength, and enhances wearer comfort.

### **Types of Interlining in Footwear**

- ❖ **Woven Interlining**—Provides high durability and stability. It is often used in premium footwear.
- ❖ **Non-Woven Interlining**—Light weight and cost-effective, used for mass production of casual and sports shoes.
- ❖ **Fusible Interlining**—Contains a thermoplastic adhesive that bonds to the fabric when heated, ensuring better adhesion and longevity.
- ❖ **Non-Fusible Interlining**—Sewn between layers, typically used in high-end or handcrafted footwear.

### **Key Functions of Interlining**

- ❖ **Shape Retention**—Prevents sagging and helps maintain the shoe's form over time.
- ❖ **Enhanced Durability**—Reinforces weak areas to prolong the shoe's life span.
- ❖ **Comfort & Fit**—Provides cushioning and support for the wearer.
- ❖ **Moisture Management**—Some interlining materials offer breathability and sweat absorption.
- ❖ **Aesthetic Enhancement**—Adding smoothness and consistency to the upper, improving the shoe's overall appearance.

### **Applications in Footwear Manufacturing**

- ❖ **Sports Shoes**—Light weight interlinings improve flexibility and breathability.
- ❖ **Formal Shoes**—Stiffer lining ensures a polished and structured look.
- ❖ **Safety Shoes**—Reinforced interlining enhances protection and durability.
- ❖ **Casual & Fashion Footwear**—Balanced interlining provides comfort without compromising aesthetics.

## Innovations and Advancements in Interlining

The Speakers highlighted the latest advancements in interlining technology, including:

- ❖ **Eco-Friendly Interlining Materials**–Use of recycled fibers and biodegradable adhesives.
- ❖ **Smart Interlining**– Materials that adapt to temperature changes for enhanced comfort.
- ❖ **Lightweight and High-Performance Interlining** – Development of ultra-light but strong materials to improve shoe performance.

## Conclusion

The session emphasized that interlining is a vital yet often overlooked component of footwear manufacturing. Proper selection and application of interlining materials can significantly impact the shoe's quality, durability, and comfort. As the industry moves towards sustainability, innovative interlining solutions are expected to play a key role in the future of footwear production. The event provided valuable insights into the technical and practical aspects of interlining, making it an informative session for all attendees.

## Acknowledgments

We extend our gratitude to Mr. Aman Gagneja and Mr. Tipu Sultan, for their expertise and to the organizing committee led by Mr. Arjun Verma and participants for their enthusiasm and active involvement.

## Participant Feedback and Testimonials

Attendees appreciated the well-structured sessions, insightful discussions, and real-world applications shared by the speaker. Many expressed how the session learnings would be beneficial in their professional roles.

## Gallery Section:

### Some glimpses of Workshop:



