

KPCP Advanced Low-Temperature Hot Melt Shoe Counter Series



1. Product Introduction

KPCP Advanced Low-Temperature Hot Melt Shoe Counter is an eco-friendly shaping material designed for shoe toe and heel reinforcement. Manufactured with premium TPU raw materials and Italian advanced technology, it differs from traditional high-temperature counters by activating quickly at 80 – 100° C without high-temperature ovens. This reduces energy consumption, improves compatibility with automated production lines, and ensures long-lasting shape retention,

excellent flexibility, and no peeling. It is widely used in women's shoes, sneakers, fashion shoes, and eco-friendly export orders.

2. Core Specifications

3. Key Advantages

Low-Temperature Efficiency & Automation Compatibility: Activates at 80 ° C for fast bonding, eliminating the need for high-temperature equipment. Reduces energy costs and safety risks, while seamlessly integrating with automated shoemaking lines to boost production efficiency.

Durable Shape Retention: Unique TPU formula maintains stable hardness. Withstands over 15,000 compression tests without deformation, keeping toe/heel areas structured and preventing collapse.

Eco-Friendly & Export-Ready: Made with non-toxic raw materials, odor-free, and compliant with international environmental standards. Ideal for high-end export orders to Europe, America, and Southeast Asia.

Excellent Weather Resistance: Remains flexible at -20 ° C and stable at 60 ° C, suitable for year-round use in all climate conditions.

Versatile Process Compatibility: Cloth-textured surface enhances bonding strength, eliminating the need for additional glue. One-step hot pressing reduces labor and production costs.

4. Application Scenarios

Formal & Business Shoes: Toe/heel reinforcement for a structured, premium appearance.

Women's & Fashion Shoes: Toe shaping and collar reinforcement, balancing aesthetics and comfort while preventing blisters and collapse.

Sports & Casual Shoes: Forepart/heel support for improved arch support, stability, and fit.

Children's & Work Shoes: Safe, non-toxic materials with reliable shaping, ensuring both safety and durability.

5. Customization Options

Thickness: Full range from 0.2mm – 2.0mm, with special thicknesses available on request.

Color: Blue, white, transparent, and custom colors to match brand requirements.

Formats: Standard sheets (1m × 1.45m), rolls, or pre-cut blanks as needed.

Hardness: Soft/medium/hard grades to suit different shoe styles and

shaping needs.