



» PRODUCT BULLETIN

Versaflex™ CF Low Adhesive Build-up TPE for Protective Film Tack Layer

Protective films guard the surface of finished goods from initial fabrication through assembly, shipment, storage, and installation. However, an ongoing challenge, especially for high-end products with demanding aesthetic requirements, is to prevent adhesive residue when the protective film is removed.

Versaflex™ CF 6668 low adhesion build-up TPE for protective film meets that need. The formulation delivers high initial adhesion on steel, PMMA, and various other substrates, yet offers low adhesion build-up to reduce the risk of residue when peeling off film. It also provides low unwinding force to improve efficiency when pasting film.

The specialty formulation offers film manufacturers a simple, one-step extrusion process to support sustainability goals. Compared to current solvent-based coating technology, co-extrusion film using Versaflex CF has significantly reduced volatile organic compound (VOC) emissions and helps reduce energy consumption by eliminating secondary coating and drying operations. It can also be recycled as thermoplastic material.

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KEY CHARACTERISTICS

- High initial adhesion on steel, PMMA, and various other substrates
- Stable and low adhesion build-up over time to prevent residue
- Low unwinding force for improved efficiency when pasting film
- Good gel control
- One-step extrusion processing to improve manufacturing efficiency
- Reduced VOC emissions compared to current solvent-based coating technology
- Can be recycled as a thermoplastic material

APPLICATIONS

The low adhesion build-up performance of Versaflex CF 6668 TPE makes it ideal for use in protective films for high-end applications including:

- Appliance
- Household furniture
- Building & construction
- Automotive



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