

HAPTICS + BIOCOMPATIBILITY

ORTHOPEDIC PARTS MANUFACTURER

ORTHOPEDIC SHOE SOLE

AVIENT SOLUTION

GLS™ Versaflex™ Thermoplastic Elastomer

WHY AVIENT?

- Collaborated across R&D, ADTS and manufacturing to work as a cohesive team
- Supported our customer through complete product development
- Provided a formulation that achieved the right balance of haptics, color and surface appearance
- Enabled our customer to sell their product as a healthcare part in pharmacies, by fulfilling healthcare regulations such as biocompatibility

LEARN MORE

KEY REQUIREMENTS

- A super soft TPE (<20 Shore A) with overmolding bond to a PP insert
- Dry feel, tailored metallic color, and consistent surface appearance
- Biocompatibility according to ISO 10993-5