January, 2026

Dear Valued Partners,

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Subject: Release of New Product

Impregnated Felt Point

We are pleased to announce the launch of a new type of wool felt buff, the “IMPREGNATED FELT POINT,” featuring pre-impregnated abrasive, available from Monday, February 2, 2026.

By uniformly impregnating the wool felt with approximately 3 μm (equivalent to #8000) C abrasive grains (silicon carbide), this buff efficiently removes fine surface scratches and delivers a high-gloss finish on metal surfaces.

In addition, the felt contains a lubricant that is activated by frictional heat during polishing. This provides a lubricating effect throughout operation, enabling smooth polishing while effectively suppressing heat generation.

The pre-impregnated design also reduces abrasive scattering and minimizes cleanup work during compound application, contributing to shorter processing times and simplified post-operation handling.

As the felt wears, fresh abrasive grains are continuously exposed from within, ensuring stable and consistent polishing performance even during extended use.

The flexible wool felt naturally conforms to the shape of the workpiece, achieving a uniform and refined finish.

Ideal for precision finishing of molds and metal components, the impregnated felt point is also well suited for intermediate polishing of optical components and glass edges, supporting a wide range of applications.

＜Release Date＞

Monday, February 2, 2026

【Contact Us】
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— Impregnated Felt Point —

■ Product Overview

A new felt polishing tool designed to improve efficiency in polishing processes — introducing the Impregnated Felt Point.
Fine C abrasive grains (silicon carbide), approximately 3 μm in size (equivalent to #8000), are uniformly impregnated throughout the wool felt.
The felt also contains a lubricant that activates with frictional heat, suppressing heat generation and enabling smooth, controlled polishing.
As the felt wears during operation, fresh abrasive grains are continuously exposed from within, ensuring stable and consistent polishing performance even during extended use.
From precision finishing of molds and metal components to intermediate polishing of optical parts and glass edges, the Impregnated Felt Point delivers clean, high-efficiency polishing across a wide range of applications.

■ Product Characteristics

- **Abrasive-Impregnated Structure (Approx. 3 μm SiC)**
  The felt is uniformly impregnated with approximately 3 μm (#8000 equivalent) silicon carbide abrasive. This structure efficiently removes fine scratches while producing a smooth, natural gloss finish.
- **Impregnated Lubricant**
  A lubricant activated by frictional heat is impregnated throughout the felt. This self-lubricating design suppresses heat generation and ensures consistently stable polishing performance.
- **Long-Lasting Polishing Performance**
  As the felt wears, fresh abrasive particles are continuously exposed, maintaining effective polishing performance even during extended operation.
- **Excellent Flexibility and Surface Conformity**
  The inherent flexibility of wool felt allows it to naturally conform to the workpiece shape, delivering a uniform and high-quality finish.
- **Clean and Efficient Operation**
  Abrasive dispersion during polishing is minimized, reducing cleanup time and helping maintain a clean and stable work environment.

Abrasive Impregnated Throughout the Felt.
Eliminates the need for compound application.

Lubricant-Impregnated Structure.
The lubricant is released during operation to suppress heat generation while polishing.

■ Product Lineup / Package Quantity: 5 pieces per Pack

Product CD	Size (mm)	Impregnated Abrasive	Max. Allowable Rotation Speed	Image
GA3501	φ4 × T7mm Shank Dia. φ3.0 TL 42mm	C Abrasive Grain Approx. 3 μm (#8000 equivalent)	25,000 r.p.m.	
GA3502	φ6 × T15mm Shank Dia. φ3.0 TL 50mm		25,000 r.p.m.	
GA3503	φ8 × T15mm Shank Dia. φ3.0 TL 50mm		30,000 r.p.m.	
GA3504	φ10 × T20mm Shank Dia. φ3.0 TL 55mm		30,000 r.p.m.	
GA3505	φ15 × T20mm Shank Dia. φ3.0 TL 55mm		25,000 r.p.m.	
GA3506	φ20 × T20mm Shank Dia. φ3.0 TL 55mm		15,000 r.p.m.	