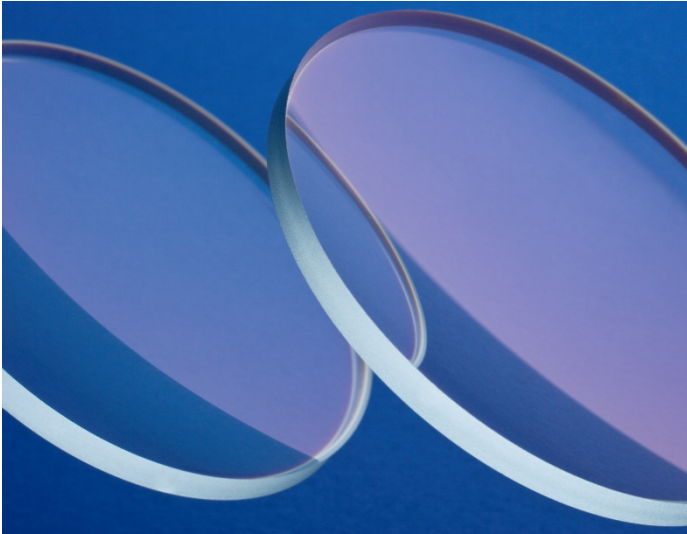




Leaders in Superabrasive Finishing Systems

# Hyprez® Pitch Polishing Slurry



When processing precision optical components the final polish is often achieved by utilizing a pitch plate. Despite being a complex material, pitch is used due to its ability to transfer load to the polishing media. This results in superior sub-nanometer levels in the surface integrity which are not obtainable through other polishing techniques. Therefore, pitch polishing is often the process of choice for many high-quality glass and optical components

Engis® has recently engineered a new non-agglomerating diamond slurry (S7417-1) specifically designed for pitch polishing applications. Advantages of this new slurry formulation include:

- *Faster cutting and polishing rates*
- *Will not chemically degrade the pitch*
- *Wide range of diamond particle sizes available*
- *Minimal waste versus conventional processes*
- *Excellent results on both natural and synthetic pitch*
- *Easy to clean*
- *Technical Data:*

*pH:* 8.9 – 9.9  
*Viscosity:* 0.9 – 1.2 cps  
*Density:* 0.99 – 1.1 g/cm<sup>3</sup>

## WE OFFER A FULL LINE OF HYPREZ PRODUCTS:

- Superabrasive Powders
- Fine Grinding, Lapping & Polishing Machines
- Composite Lap Plates
- Diamond and Non-Diamond Lapping & Polishing Slurries
- Diamond Compounds and Lubricants
- Conditioning Rings

***ENGIS is the Industry Leader in Pioneering New Technologies & Applications.***

***Contact us today to learn more about our 6-Step Superabrasive "Systems Approach"***

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PPS-001-1012

LAPPING / POLISHING



# Leaders in Superabrasive Finishing Systems



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### Hyprez® Lapping/Polishing Systems

Beginning-to-end flat finishing systems – machines, plates, pads, diamond powders, slurries, lubricants and other accessories – plus customized equipment, specialized formulas, testing labs and technical support for process and technology development.

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Comprehensive line of diamond polishing compounds, abrasive stones, sticks, bobs, brushes and files – plus powered hand finishing systems for every toolroom application.

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Single-pass bore finishing systems – standard models and custom machines – plus diamond and CBN plated finishing tools, parts holders/fixtures and integrated automation systems.

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