

# DuPont™ Vespel® Polyimide Shapes for Jet Engine Applications

## Benefits of DuPont™ Vespel® Polyimide Shapes:

- High service temperatures
- Low friction for smooth operation
- Long wear life
- Low creep, even at elevated temperatures
- Low wear on mating metal components
- Good thermal insulating properties
- Excellent dimensional stability
- Good chemical resistance
- A lightweight alternative to metal
- Excellent sealing characteristics

## Grades used for aircraft applications:

### Vespel® SP-1

*Unfilled Grade*

### Vespel® SP-21

*Friction and Wear Grade*

### Vespel® SCP-5000

*Unfilled Grade with Enhanced Strength  
and Thermal Stability*

### Vespel® SCP-5050

*Friction and Wear Grade with Enhanced  
Strength and Thermal Stability*

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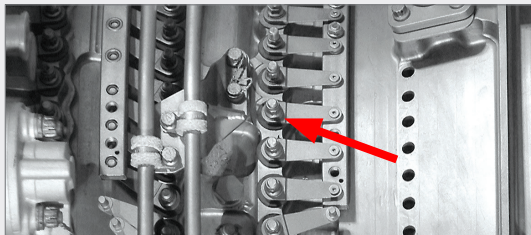
**DuPont™ Vespel®**  
PARTS & SHAPES

*Supplying Authentic Vespel® Shapes*

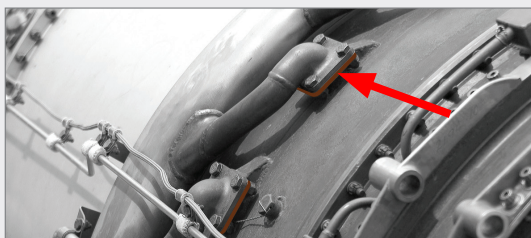
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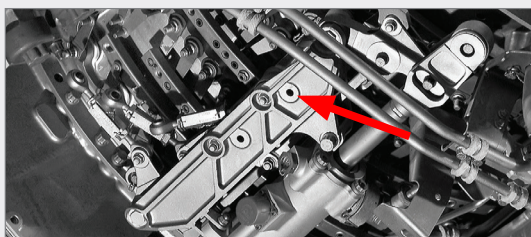
## Typical applications:



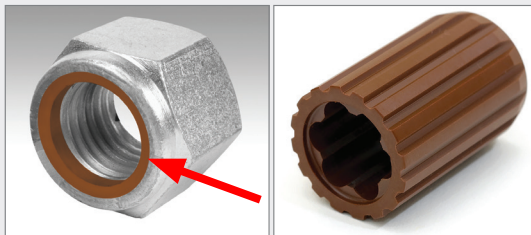
Pivot bushings on unison ring



Engine duct seals



Bellcrank bushings



Locking fasteners

Splines

**Curbell Plastics is an authorized distributor of authentic  
DuPont™ Vespel® Polyimide Shapes**

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