

Vespel® manufactured parts

Vespel® is the trademark of a range of durable high-performance polyimide-based plastics. This high performance polymer has the following attributes:

- chemical resistance
- creep resistance
- dimensional stability
- hostile/extreme conditions
- no significant outgassing
- lubricity
- performs in vacuums
- does not melt (peak up to 500°C)
- continuous 300°C working temp.
- cryogenic temperatures

Services we offer

- Agile & flexible planning
- Reliable supply chain
- Fast prototyping
- Reverse engineering
- Statistical process control
- Short lead times
- First article inspection
- Automated production process , ...

Standard semi-finished stock shapes made out of Vespel® available on the market

[Vespel® SP-1](#)

[Vespel® SP-22](#)

[Vespel® SP-3](#)

[Vespel® SCP-5050](#)

[Vespel® SP-21](#)

[Vespel® SP-211](#)

[Vespel® SCP-5000](#)

[Vespel® CR-6100](#)

Other grades available on request

View the video on thermal capabilities of Vespel®.



For any finished (manufactured) parts or other grades and sizes, please request a quotation.

[Ask for a quote](#)

Some typical components

BUSHINGS



BACK UP RINGS



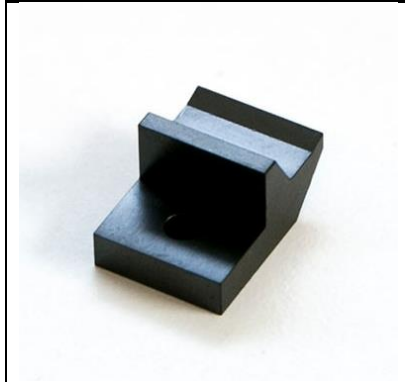
WASHERS



CHEVRON RINGS



WEAR PADS



BOTTLE GRIPPERS



SCREWS



BEARINGS



VALVE SEATS



PUMP COMPONENTS



SEALS



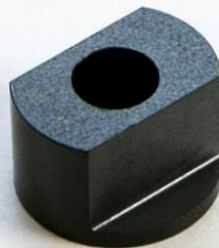
GUIDING ELEMENTS



NOZZLES



INSULATORS



GASS FERRULES



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