

Vespel® shapes: rods, tubes, bars and plaques

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

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

Solid rods made out of SP-1, SP-21, SP-22, SP-211 or SP-3

Shape	Outside diameter (mm)	Length (mm)
Rod	3.1	965
Rod	6.3	965
Rod	9.5	965
Rod	11.1	965
Rod	12.7	965
Rod	15.8	965
Rod	19	965
Rod	25.4	965
Rod	31.7	965
Rod	38.1	965
Rod	50.8	965
Rod	63.5	965
Rod	82.5	685

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

Ask for a quote

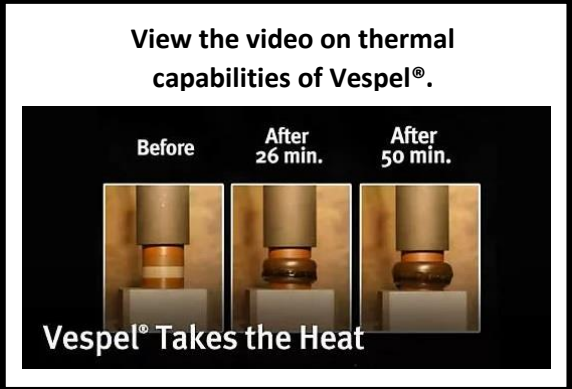


Tubes made out of SP-1, SP-21, SP-22, SP-211 or SP-3

Shape	Outside diameter (mm)	Inside diameter (mm)	Length (mm)
Tube	78.7	48.2	838
Tube	94	48.2	838
Tube	111	48.2	838
Tube	124	48.2	838
Tube	86.3	66	838
Tube	101	66	838
Tube	119	66	838
Tube	129	66	838
Tube	109	86.3	838
Tube	124	86.3	838
Tube	137	86.3	838
Tube	137	109	838
Tube	144	109	838
Tube	154	109	838
Tube	165	109	838
Tube	142	119	838
Tube	149	119	838
Tube	170	119	838
Tube	162	142	838
Tube	170	142	838
Tube	180	142	838

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

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Plaques made out of SP-1, SP-21, SP-22, SP-211 or SP-3

Shape	Width (mm)	Length (mm)	Thickness (mm)
Plaque	127	127	12.7
Plaque	127	127	25.4
Plaque	127	127	38.1
Plaque	127	127	50.8
Plaque	127	254	6.3
Plaque	127	254	38.1
Plaque	127	254	50.8
Plaque	254	254	1.6
Plaque	254	254	3.2
Plaque	254	254	4.8
Plaque	254	254	6.3
Plaque	254	254	12.7
Plaque	254	254	25.4
Plaque	254	254	38.1
Plaque	254	254	50.8

Bar made out of SP-1, SP-21, SP-22, SP-211 or SP-3

Shape	Width (mm)	Thickness (mm)	Length (mm)
Bar	101	50.8	317.5
Bar	101	50.8	965

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

Ask for a quote

