



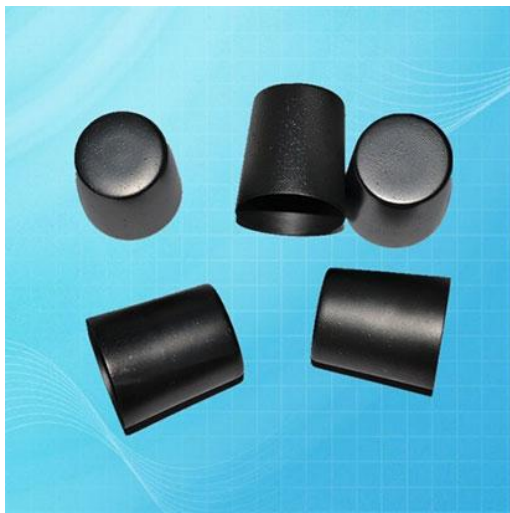
### Pyrolytic Graphite Crucible

Pyrolytic graphite crucible is synthesized by chemical vapor deposition process(CVD). Carbon source for this process is natural gas, such as methane. Since the purity of gas is easier to be controlled than solid graphite, the purity of pyrolytic graphite material could be extremely high. Nextgen Advanced Materials supplies pyrolytic graphite crucible with high quality and fast delivery.

Customization is also available.

### Product Description

Nextgen Advanced Materials INC is US manufacturer & supplier who mainly produces Pyrolytic Graphite Crucible with many years of experience. Hope to build business relationship with you. Pyrolytic graphite crucible is synthesized by chemical vapor deposition process(CVD). Carbon source for this process is natural gas, such as methane. Since the purity of gas is easier to be controlled than solid graphite, the purity of pyrolytic graphite material could be extremely high. Total impurity content is usually less than 10ppm. Pyrolytic graphite could be used as coating material for the substrate such as normal graphite. Since the PG coating is made by CVD process with high purity gas, the surface of the pyrolytic graphite coated products has extremely high carbon purity and strength with almost zero porosity.



### Pyrolytic Graphite Crucible Specification

Particle size:	<50 $\mu\text{m}$
C content:	100%
Density:	2.10-2.23 g/cm <sup>3</sup>

Melting point:	≥3400°C
Maximum operating temperature:	2300°C
Size	Various
Material	Pure pyrolytic graphite
Purity	0.99
Shape	Crucible

Specification					
No.	Upper part's outer diameter (mm)	Lower part's outer diameter(mm)	Inner diameter(mm)	Height(mm)	Inner height(mm)
1	58	47	34	88	78
2	65	58	42	110	98
3	65	58	42	125	113
4	85	75	57	105	95
5	85	76.5	57	130	118
6	100	88	70	130	118