

Graphite Adhesive & Coating

Graphite Adhesive (BC628)

- One part adhesive (similar to Dylon GC adhesive)
- Paste-like material that joins graphite with 100% carbonaceous bond
- Max Temperature: 5400°F (~3000°C)
- Curing Time: 3 Hours @ 350° F (in air)

- This graphite adhesive is used to bond:
 - Graphite foil to graphite rigid insulation
 - Graphite foil to carbon/carbon composite
 - Carbon/carbon composite to graphite rigid insulation
 - Graphite to graphite

- **Packaging & pricing:**
 - **Quart size = \$85 each**
 - **Gallon size = \$250 each**
 - **5 gallon size = \$1000 each**



Graphite Coating (BC501)

- One part, low viscosity coating
- Application by paint, spray or dip
- Max Temperature: 5400°F (~3000°C)
- Cure Time; 1 Hour @ 350°F

- This graphite coating is used to:
 - Seal cut edges of Graphite Rigid Insulation to prevent "dusting"
 - Prepare surfaces of Graphite Foil & Rigid Board for bonding
 - Smooth out scratched and chipped surfaces of machined Graphite

- **Packaging & pricing:**
 - **Quart size = \$45 each**
 - **Gallon size = \$160 each**
 - **5 gallon size = \$650 each**



- Notes;
- Additional \$15 per shipping package for Haz-Mat surcharge.
 - For best results when bonding to porous graphite rigid insulation, seal the surface with the graphite coating before applying adhesive.
 - Caution – isopropyl alcohol is the solvent for both adhesive & coating, which is flammable.
 - Use isopropyl alcohol to thin if needed.
 - Graphite fiber may be added to adhesive to produce a paste that may be used to patch graphite rigid insulation

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