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BC628 High Temperature Graphite Adhesive

One Part Adhesive

Mix well before each use

Max Temperature: 5400° F

Curing Time: 3 Hours @ 350° F

This adhesive is used to bond:

- Graphite Flexible Foil to Graphite Rigid Insulation
- Graphite Flexible Foil to Carbon/Carbon Composite
- Graphite Flexible Foil to Graphite/Carbon Felt
- Carbon/Carbon Composite to Graphite Rigid Insulation
- Graphite to Graphite

Shelf Life:

3 months at room temperature 70 F

6 months when refrigerated 40 F

Instructions:

1. Mix adhesive well before each use
2. Apply light coating of adhesive to one or both surfaces with a paint brush or paint roller
3. Apply weight or pressure for best bond results
4. Cure adhesive within 24 hours
5. Cure at approximately 350° F for three (3) hours

** Special Notes **

1. For best results when bonding graphite flexible foil to graphite rigid insulation use our **BC501 Coating (Graphite Insulation Surface Coating)** before applying **BC628 Graphite Adhesive**.
2. Caution – Adhesive is flammable, be careful when curing. Adhesive will cure if ignited.
3. Use isopropyl alcohol to thin if needed (caution bonding may differ when thinned)
4. Graphite fiber may be added to adhesive to produce a paste that may be used to patch graphite rigid insulation