

TSC International

Ferrite International * Pyroferic * Arnold Technologies

GLUING FERRITE CORES

Factors to Consider.

- Gap to fill
- Adhesion to other materials used, Bobbin, Nomex, Wire etc..
- Strength
- Operation and Manufacturing; temperature cycling and gradients.
- Shrinkage due to heat and age.
- Clamping method alignment and set-time
- Ease of applications
- Environmental and fumes
- Curing requirements (temperature, time, out gassing)

Sample list of glues that have been used for ferrites:

3M DP-490

Armstrong C7-W (2 Part, Can fill gaps, 24 hour set-time)

Eccobond 2332-17 or 50248F-15

Loctite 331 7387 Activator (2 part, some filling, 20 sec set-time, 24 hour cure)

Loctite EA E-20 NS

Loctite 495 (1 Part, No gap filling, 20sec set-time)

Cytec 70468100 (1 Part, Can fill gaps, 275c cure)

SUITABILITY FOR AN APPLICATION MUST BE DETERMINED BY END USER.

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