

# Technical Data Sheet

## 49000-G Fugitive Tape Material # 1148486



### Product Description

49000-G Fugitive Tape is a flexible cast film of fugitive powder dispersed in an organic matrix. This material is designed to be burned out in the temperature range of 600°C to 700°C to yield a void where the tape was placed. Ferro 49000-G is provided on a silicone coated polyester carrier film to protect the tape from mechanical damage and to aid in handling.

49000-G is formulated to be Lead free and Cadmium free and Phthalate. The term “free” means that Lead, Cadmium and Phthalate\* have not been intentionally added to the product. However, trace amounts may be present.

\*Phthalates listed in Annex XIV of REACH

An ESL-Electro Science Laboratory Legacy Product

### Typical Processing and Properties

**Green Ceramic Tape Thickness (Custom thickness available):**  
95  $\mu\text{m} \pm 10\%$   
125  $\mu\text{m} \pm 10\%$

**Green Ceramic Tape Width:** 8 inches

**Laminating:** 3000 PSI at 70°C for 10 minutes

**Processing:** Parts are formed by blanking the green ceramic tape into sheets of the required dimensions prior to firing. The burnout cycle depends on the part configuration and size.

**Firing:** Dependent on the matrix tapes.

### Limitation of Warranty and Liability

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