

## ZOFLEX® FL75E 2-part Conductive Paste

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**ZOFLEX® FL75E Paste** is a two-part system that cures at room temperature to a Shore A hardness of 75 with high electrical conductivity. It is packaged in double-barrel 50ml cartridges and can be easily dispensed through hand-held meter mix dispensing systems. It can be used as a conductive adhesive. It can also be used to make in-place RF gaskets, flexible conductive parts and etc...

### **Specifications:**

<i>Mix ratio, by Volume:</i>	1A to 1B
<i>Pot life:</i>	45 min at 25°C (77°F)
<i>Viscosity, mixed:</i>	30,000 cps
<i>Specific gravity:</i>	2.1
<i>Volume resistivity:</i>	0.1ohm-cm
<i>Shore A Hardness:</i>	75
<i>Color:</i>	Grey

### **Mixing Instructions:**

Insert the cartridge into an applicator gun and remove cap. Dispense a small amount to assure even ratio and flow. Wipe away any excess. Attach an appropriate mix nozzle to the cartridge. Dispense and apply material to clean surfaces. Additional hand mixing of the dispensed material may be necessary if inhomogeneity is observed. Remove the mix nozzle from the cartridge and replace cap to store.

### **Curing Instruction:**

Curing at 25°C (77°F): 24 hrs at 25°C (77°F). Postcuring at 50-60°C for 3 hours or at 100°C for 1 hour is required.

Curing at 50°C (122°F): 8 hrs.

Contaminants such as sulfur, amines or soaps may inhibit surface cure. If in doubt, a small-scale test is recommended.

### **Shelf Life:**

Three Months from date of shipment in unopened cartridges.

### **Storage:**

Store in cool conditions 32-80°F (0-27°C). Proper sealing of cartridge after each use will prolong the shelf life of unused material.