

ZOFLEX® FL45 2-part Conductive Paste

ZOFLEX® FL45 Paste is a two-part system that cures at room temperature to a Shore A hardness of 45 with high electrical conductivity. 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 weight:</i>	6.63A to 1B
<i>Pot life:</i>	15 min at 25°C (77°F)
<i>Viscosity, mixed:</i>	25,000 cps
<i>Specific gravity:</i>	1.7
<i>Volume resistivity:</i>	0.2ohm-cm
<i>Shore A Hardness:</i>	45
<i>Color:</i>	Beige

Mixing Instructions:

Carefully weigh part A and part B according to the specified ratio into a clean mixing container. Mix thoroughly, scraping sides and bottom of the container. Normal mixes will gel in approximately 15 minutes at room temperature; faster if warm, slower if cold.

Curing Instruction:

Curing at 25°C (77°F): 10 hrs at 25°C (77°F). Postcuring at 50°C for 3 hours or at 100°C for 1 hour is required.

Curing at 50°C (122°F): 6 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 containers.

Storage:

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