

1. Use the ZPZ foil within their specified temperature and electrical ratings.
2. Use the ZPZ foil to that it is not subject to corrosive chemicals or materials.
3. Operational ambient temperature: -40°C to 100°C.
 - a. Use of the ZPZ foil in higher or lower temperatures may cause premature ageing and/or damage of the ZPZ foil.
4. Maximum pressure on foil surface: 2 kg/cm².
5. To optimize the thermal response place the ZPZ foil in direct contact with the body that is to be heated.
6. Do not bend the ZPZ foil.
 - a. These ZPZ foils are designed to be used in flat applications only.
 - b. If the foil gets a permanent crease, the ZPZ foil is to be scrapped.
7. Do not use the ZPZ foil in liquids such as water, oil, chemical or organic solvents.
8. Do not puncture, peel and/or break the insulation seal and/or ZPZ foil.
9. Do not cut or punch the ZPZ foil and/or insulation seal.
10. Soldering
 - a. Only solder in designated soldering areas.
 - b. Connection wires are to be soldered with a low temperature standard soldering procedure.
 - c. It is recommended to run tests for finding the soldering conditions that do not damage the ZPZ foil. Improper connections may cause damage and/or change of performance to the ZPZ foil due to the generation of a faulty high resistance junction.
11. Connected wires are to be clamped and/or bent at least 3mm away from the ZPZ foil insulation seal to avoid damaging the ZPZ foil or body.
12. If the ZPZ foil is suspected to be damaged due to any of the above and/or by any other cause it is to be scrapped and replaced.