

Thermal protection

The operating temperature inside machines and devices may exert considerable strain on sensitive components. Cables, wires, tubes and sensors have to be protected against heat and flames. Zipper-Technik offers numerous solutions, from simple protection against elevated temperatures all the way to patented special thermal protection. Reliable protection up to 650°C (1,200°F). Flame retardant tubes, glass fabrics with heat-reflective surfaces or adhesive heat protection patches are cases in point showing that we develop products in practically any format and size. And whenever a specific application calls for a customized solution, we will develop it. In the right shape, from the right material and with the right closure that guarantee optimum protection. We simply make professional thermal protection even better. See for yourself, both here and at www.zipper-technik.de



Thermal protection



ZETREFLECT® ALP + ALM

Protection against radiant heat up to +220°C. Fabric made of e-glass and aluminium PET foil. The ZETREFLECT program offers a great variety of tubes and formed parts.



Custom Products

Laser-cut formed parts, manufactured according to customer specifications: closed with a seam, re closable with a textile Velcro closure, or with stainless steel snap fasteners.



ZETREFLECT® SAM + ALSI

Protection against radiant heat up to +280°C. Different versions of e-glass fabrics with silicone coating, with or without aluminium sheet foil.



ZETREFLECT® Tubes

Made of aluminum coated glass fabric, sewn with stainless steel, Kevlar, or Nomex threads. Closed with a seam, re closable with a textile Velcro closure, or with stainless steel snap fasteners.



VACUFLECT®

Patented head protection material, pre-treated with alkyl silicone resin. The outward side is metalized, resisting temperatures of up to + 330°C.



ZIPSPOT

Self-adhesive heat protection patches, with acrylate glue on the back. Protection against constant heat up to +180°C, depending on the respective basic material it is glued to. Perfectly suited for deployment on plastics.



ZETREFLECT® Multilayer Heat Protection

Isolation optimized composite materials featuring heat reflecting surfaces. For thermal shielding up to +900°C heater temperature and protection against constant heat up to +270°C.



INSUFLECT®, GRAPEX

Protection against extreme temperatures. High temperature insulation for component temperatures up to +650°C (INSUFLECT®). The expandable graphite will expand under heat, slowing down a spreading fire (GRAPEX).