

Product- Information

Silicone-Edge Protection Profile (VMQ)

Product properties

- Socket with metal inlay
- Fully flexible
- Compact or partly foamed silicone in a wide range of colours
- No additional fixing necessary
- Wide range of working temperature, -60... + 300°C possible
- Self-extinguishing according UL94-V0 possible
- Burning behavior tested according different railway, aircraft and other specifications



Product description

Edge protection profiles are characterized by the fact that they can get clipped on without further fastening equipment. Through the special metal inlay in the socket, the edge protection profiles have an excellent flexibility. The head can be extruded, chosen by the customer, out of compact or foamed silicone. The geometric version can be chosen customized. The thermal and chemical resistance of silicones is excellent. The fire behaviour is as standard UL94-HB, optional UL94-V0, DIN 4102-B2, NF F 16101 FO/I1*, BS6853 cat 1A*, DIN 5510-2 S4*/ SR2/ ST2, EN ISO 11925-2. A wide range of Colors is possible.

Technical Data

physically	Operating temperature -60...+200°C with special additives up to 300°C. Burning behavior is according UL94-HB, with special additives according UL94-V0*, DIN 4102-B2*, NF F 16101 FO/I1*, BS6853 cat 1A*, DIN 5510-2 S4*/ SR2/ ST2, EN ISO 11925-2, FAR 25.853*, ABD0031*
chemically	Resistant against fuel and lubricants in case of temporary influence. Excellent resistant against water, water glycol mixture and salt spray fog, as well as wide range of detergents (soaps, degreaser, water vapor, ...)
ecologically	Edge protection profiles are GASDL and ROHS-compliant, harmless for the environment, and water. Fumes have a low toxicity and low turbidity of indoor air.

*Dependant of material combination and geometry