

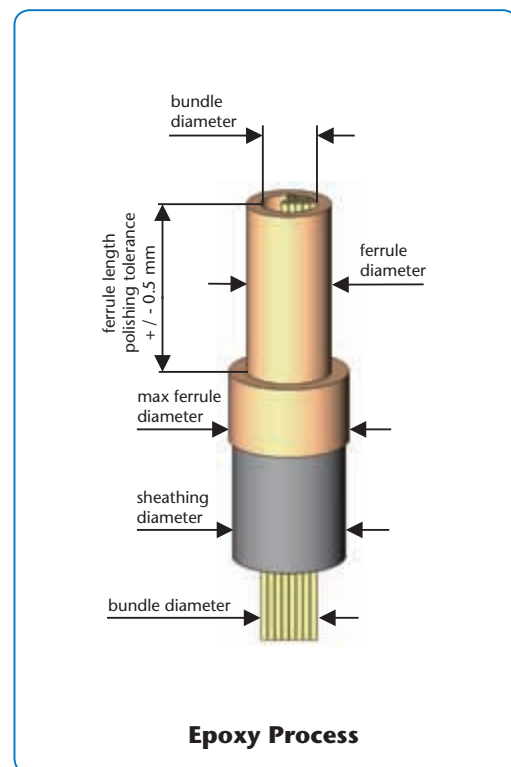
Special Application Light Guides

We offer the following choices for the light guide end termination:

Epoxy End Termination:

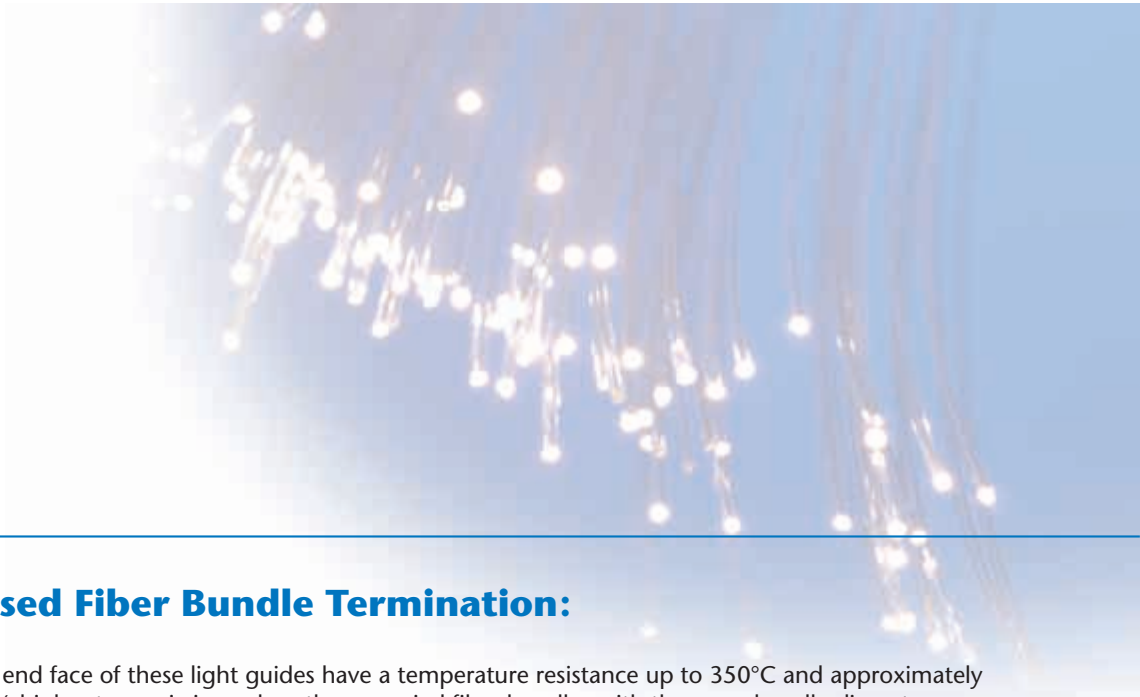
Standard temperature resistance up to 200°C depending on application

High Temperature resistance up to 300°C on request



Note: Transmission of glued bundle is approximately 10 % lower than the fused bundle with same diameter after fusing.

*Note: All dimensions in the drawings depend on the bundle diameter

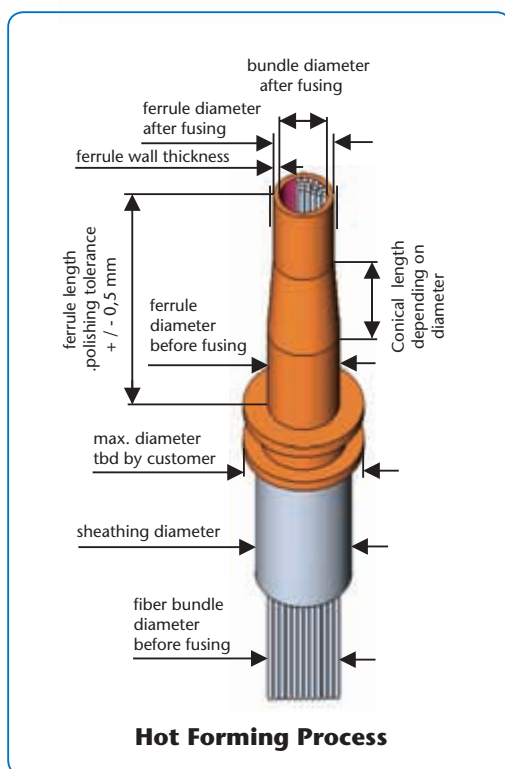


Fused Fiber Bundle Termination:

The end face of these light guides have a temperature resistance up to 350°C and approximately 10 % higher transmission values than epoxied fibre bundles with the same bundle diameter

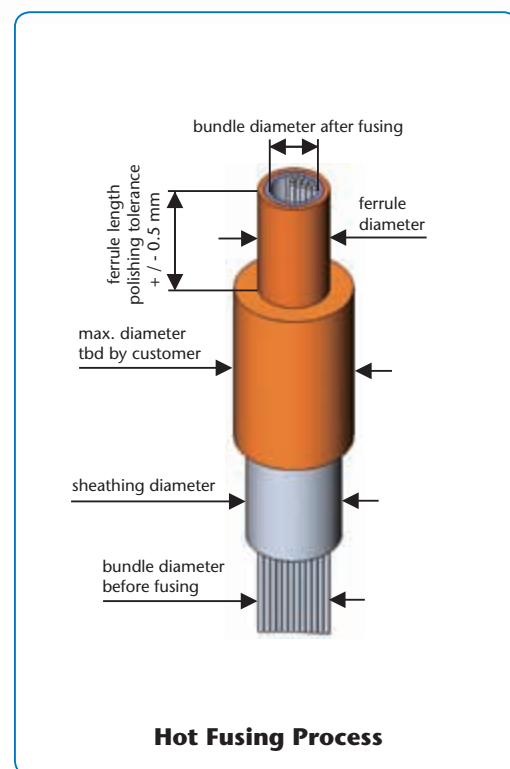
Hot Forming

Diameter range 2.5 – 21.0 mm after fusing



Hot Fusing (on request)

Diameter values 4.0 and 4.7mm after fusing



Sheathings:

Stainless steel, metal / PVC or metal / silicone sheathings, other sheathings on request

Fiber diameter values:

50 µm and 70 µm

Special applications:

Temperature resistance at the proximal end of up to 500°C can be achieved using quartz fibres and a special epoxy