

## Ceramic hollow fibre for SOFC applications



### FIBRE MATERIALS:

available:

- $ZrO_2$  (YSZ, ScSZ)
- $Al_2O_3$
- cathode material (LSM)

feasible:

- anode material (NiO-cermet)

### Available Geometries:

outer diameter [mm]	1.0 – 4.0
inner diameter [mm]	0.8 – 3.5
material thickness [mm]	0.15 – 0.3
length unsintered [mm]	420
length sintered [mm]	dependent on the material shrinkage
<b>Special dimensions on request!</b>	

### Flexible and economical manufacturing process:

flexible in geometry

high form shaping speed

variation of the porosity through the sintering parameters

easy adaptation to different materials

