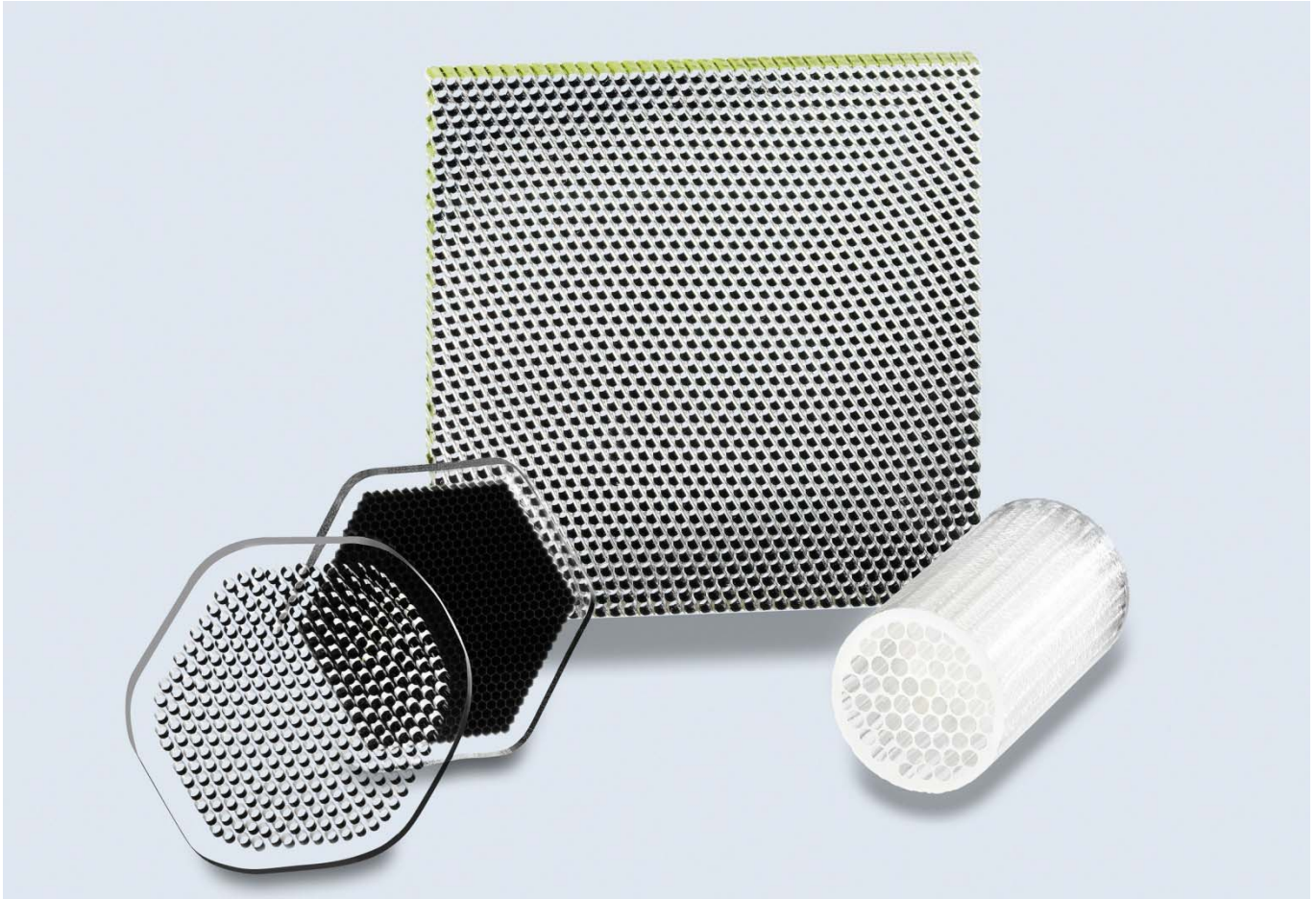


SCHOTT® Capillary Arrays

High Density Hollow Fiber Arrays



Performance Characteristics

High density capillary arrays for high performance, healthcare and scientific applications

Components are used in genomics, proteomics, drug discovery and research, micro-fluidic systems, water purification and mechanical subsystems

Glass processing technology for these components is based on over 20 years of experience.

Typical Capillary Array Specifications

Assembly	Capillary Plate Array	Linear and Plate Array	Linear and Plate Array	Linear Capillary Array
Lead	Lead containing	Lead free	Lead free	Lead free
Thermal Expansion	$91 \times 10^{-7}/^{\circ}\text{C}$	$97 \times 10^{-7}/^{\circ}\text{C}$	$91 \times 10^{-7}/^{\circ}\text{C}$	$47 \times 10^{-7}/^{\circ}\text{C}$
Refractive Index	1.556	1.514	1.505	1.48
Color	Available in clear and black	Available in clear	Available in clear	Available in clear and high contrast black
Format 1. Pore Size	$\geq 10 \mu\text{m}$			$\geq 50 \mu\text{m}$
Format 2. Shape	Round or square Up to 150 mm (diameter or square) or larger by request			Round or hexagonal Up to 25 mm (diameter)
Format 3. Open Area	Ratio 50/70 %			50/70 %
Thickness / Length	Determined by pore diameter Typical: 40:1 aspect ratio @ $10 \mu\text{m}$ 100:1 aspect ratio @ $1000 \mu\text{m}$ Other ratios available			Up to 2 meters long



Example Arrays

Specialty Designs

- Intagliated (micro wells)
- Posts
- Round tube configuration



Example Tube



ENGLISH Version 01.2014