

CAPILLARIES

Features

- » High strength capillaries
- » Pressure resistant
- » Specialty coating for high temperature and harsh chemicals
- » Sterilizable by ETO, steam, e-beam, gamma radiation
- » UV and IR optical quality available

CAPILLARY Design

- » Capillary Design: Pure fused silica tube
Polyimide coating (to 385°C)
uncoated (to 950°C)

CAPILLARY Properties

- » Inner diameters: 2 μm to 2000 μm
- » Wall thickness: 10 μm to 1000 μm
- » Length: 1 m to 10 km (depends on diameter)
- » Standard tolerances: $\pm 1\%$ (Inner diameter)

Options

- » Coating: Acrylate (-40°C to 85°C)
Silicone resin (-40°C to 180°C)
Metal (-190°C)
- » Inner coating
- » Capillary bundles
- » Tapered capillaries



CAPILLARIES

Specifications

Product code	Inner diameter (μm) \pm 1%	Outer diameter (μm) \pm 3%	Coat diameter (μm) \pm 3%	Coating Material
CAP 10/50 PI	10	50	60	Polyimide
CAP 10/100 PI	10	100	120	Polyimide
CAP 20/100 PI	20	100	120	Polyimide
CAP 20/200 PI	20	200	220	Polyimide
CAP 30/72 PI	30	72	85	Polyimide
CAP 30/150 PI	30	150	170	Polyimide
CAP 40/95 PI	40	95	110	Polyimide
CAP 40/200 PI	40	200	220	Polyimide
CAP 50/85 PI	50	85	100	Polyimide
CAP 50/120 PI	50	120	140	Polyimide
CAP 80/130 PI	80	130	150	Polyimide
CAP 100/125 PI	100	125	145	Polyimide
CAP 100/165 PI	100	165	185	Polyimide
CAP 128/160 PI	128	160	180	Polyimide
CAP 128/210 PI	128	210	230	Polyimide
CAP 170/215 PI	170	215	235	Polyimide
CAP 170/280 PI	170	280	300	Polyimide
CAP 250/315 PI	250	315	335	Polyimide
CAP 250/410 PI	250	410	430	Polyimide
CAP 420/530 PI	420	530	550	Polyimide
CAP 420/700	420	700		
CAP 550/700	550	700		
CAP 550/900	550	900		
CAP 800/1000	800	1000		
CAP 800/1320	800	1320		
CAP 950/1200	950	1200		
CAP 950/1570	950	1570		

NOTE

For Silicone coating
replace PI with S in
product code.

For Acrylate coating
replace PI with A in
Product code.

Other specifications upon request.