

# 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)

## Properties

- Inner diameters: 2  $\mu\text{m}$  to 2000 $\mu\text{m}$
- Wall thickness: 10  $\mu\text{m}$  to 1000  $\mu\text{m}$
- 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 ( $\mu\text{m}$ ) $\pm$ 1%	Outer diameter ( $\mu\text{m}$ ) $\pm$ 3%	Coat diameter ( $\mu\text{m}$ ) $\pm$ 3%	Coating Material
CAP10/50 PI	10	50	60	Polyimide
CAP10/100 PI	10	100	120	Polyimide
CAP20/100 PI	20	100	120	Polyimide
CAP20/200 PI	20	200	220	Polyimide
CAP30/72 PI	30	72	85	Polyimide
CAP30/150 PI	30	150	170	Polyimide
CAP40/95 PI	40	95	110	Polyimide
CAP40/200 PI	40	200	220	Polyimide
CAP50/85 PI	50	85	100	Polyimide
CAP50/120 PI	50	120	140	Polyimide
CAP80/130 PI	80	130	150	Polyimide
CAP100/125 PI	100	125	145	Polyimide
CAP100/165 PI	100	165	185	Polyimide
CAP128/160 PI	128	160	180	Polyimide
CAP128/210 PI	128	210	230	Polyimide
CAP170/215 PI	170	215	235	Polyimide
CAP170/280 PI	170	280	300	Polyimide
CAP250/315 PI	250	315	335	Polyimide
CAP250/410 PI	250	410	430	Polyimide
CAP420/530 PI	420	530	550	Polyimide
CAP420/700	420	700		
CAP550/700	550	700		
CAP550/900	550	900		
CAP800/1000	800	1000		
CAP800/1320	800	1320		
CAP950/1200	950	1200		
CAP950/1570	950	1570		

### NOTE

For Silicone coating  
 replace PI with S in  
 product code.

For Acrylate coating  
 replace PI with A in  
 Product code.