

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

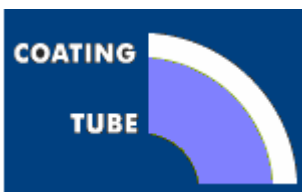
- Capillary Design: Pure fused silica tube
 Polyimide coating (to 385°C)
 uncoated (to 950°C, to 1150°C upon request)

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)
- Proof test level (bend method): 70 kpsi

OPTIONS

- Coating: Acrylate (-40°C to 85°C)
 Silicone resin (-40°C to 180°C)
 Metal (-190°C to 750°C)
- Inner coating
- Capillary bundles
- Tapered capillaries





CAPILLARIES

SPECIFICATIONS

Product code	Inner Diameter [μm] $\pm 1 \%$	Outer Diameter [μm] $\pm 3 \%$	Coating Diameter [μm] $\pm 3 \%$	Coating Material
CAP10/50PI	10	50	60	Polyimide
CAP10/100PI	10	100	120	Polyimide
CAP20/100PI	20	100	120	Polyimide
CAP20/200PI	20	200	220	Polyimide
CAP30/72PI	30	72	85	Polyimide
CAP30/150PI	30	150	170	Polyimide
CAP40/95PI	40	95	110	Polyimide
CAP40/200PI	40	200	220	Polyimide
CAP50/85PI	50	85	100	Polyimide
CAP50/120PI	50	120	140	Polyimide
CAP80/130PI	80	130	150	Polyimide
CAP100/125PI	100	125	145	Polyimide
CAP100/165PI	100	165	185	Polyimide
CAP128/160PI	128	160	180	Polyimide
CAP128/210PI	128	210	230	Polyimide
CAP170/215PI	170	215	235	Polyimide
CAP170/280PI	170	280	300	Polyimide
CAP250/315PI	250	315	335	Polyimide
CAP250/410PI	250	410	430	Polyimide
CAP420/530PI	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		

For Silicone coating replace PI with S in product code.
For Acrylate coating replace PI with A in Product code.

Other specifications upon request.