

# Quartz Sleeves Data Sheet

## Elemental Analysis

These Quartz Sleeves use only consistently pure Fused Quartz. Flame Atomic Absorption and Inductively Coupled Plasma analytical methods are routinely used to insure the quality of the starting, in-process and finished quartz products. Typical chemical analyses (ppm/wt) are as follows:

Al	Fe	Na	K	Li	Ca	Mg	Cu	Mn	Cr	B	Zr	Ti
15	0.3	0.6	0.6	0.6	0.6	< 0.1	< 0.1	< 0.1	< 0.1	< 1.0	1.0	0.9

## Dimensional Tolerances

ID	Max. Ovality	Wall Thickness	Length
2.50%	2.00%	+/- 10%	+/- .07 +/- 1.8 mm

## Optical Transmittance

At 253.7 nm (UV "C" wavelength), these Sleeves transmit over 90 % of the UV "C" wavelength at 1 mm wall thickness (.039 inch).

## Standard Pack and Pricing

These Quartz Sleeves are stocked in the three sizes that are used in most applications around the world: Many other sizes are available.

<u>ID</u>		<u>OD</u>		<u>LENGTH</u>
<u>inch</u>	<u>mm</u>	<u>inch</u>	<u>mm</u>	
0.787	20	0.906	23	up to 66 inches (1676 mm)
0.866	22	0.965	24.5	up to 66 inches (1676 mm)
0.866	22	0.984	25	up to 69 inches (1753 mm)

**All Quartz Sleeves are packed to eliminate shipping damage. Pricing is based upon quantity ordered.**