

EMPOWERING



SOLAR EFFICIENCY

GLASS TUBES

碱石灰玻璃管/硼硅酸玻璃管

Asahi Glass Co, Ltd. is supplying various sizes of soda lime and borosilicate glass tubes from 2.0mm to 250mm in diameter. Currently, soda lime glass (357) is applied for fluorescent lamps, and borosilicate glasses (117&TE-32) are applied for cold cathode fluorescent lamps (CCFL) and heat resistant purposes, respectively.

Our glass tubes are the promising solution for high-performance solar thermal and photo voltaic power generation system.

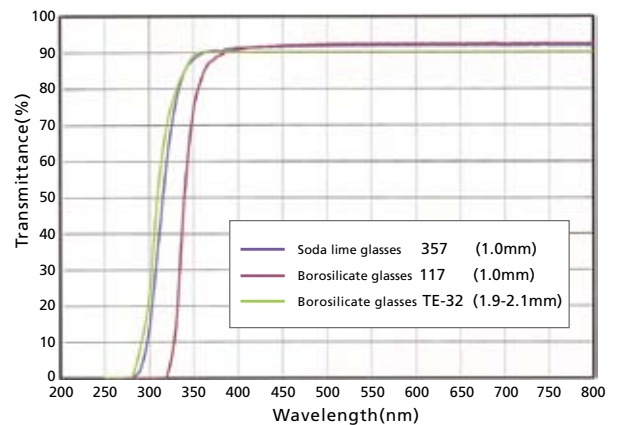
在碱石灰玻璃和硼硅酸玻璃方面，旭硝子提供直径最小2.0Ø到最大250Ø的玻璃管。目前，碱石灰玻璃(357)被应用于荧光管的制造，硼硅酸玻璃(117和TE-32)分别被用于液晶背光管(CCFL)及耐热用途，而且还有望被应用到太阳光集热及太阳能电池领域。

PRODUCT DESCRIPTION

Applications Solar Thermal Collector, etc.

用途 太阳热发电集热
其他

Transmittance of Tube Glasses



Properties of Tube Glasses

Physical Properties	TE-32	357	117
$\alpha(X10^{-7}/^{\circ}C)^*$	32.5	96	51
Softening Point $T_s(^{\circ}C)$	821	692	715
Strain Point $Sp(^{\circ}C)$	510	483	459
Annealing Point $Ap(^{\circ}C)$	560	521	501
Density $\rho(g/cm^3)$	2.23	2.25	2.34

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