

Polyimide Tubing - Technical Data

Metric

Thermal Rating at 20,000 Hours:	240 °C Minimum
Thermal Endurance:	400 °C Minimum
Tensile Strength:	172 N/mm ² Minimum
Hoop Stress:	76 N/mm ² Minimum
Burst Strength:	(Hoop Stress x Wall Thickness) / OD Radius
Elongation @ Break:	70 % Nominal
Radiation Resistance:	3.0 x 10 ⁷ Gamma Dose Gy
Coefficient of Thermal Expansion:	4.0 x 10 ⁻⁵ / °C
Dielectric Strength:	157.5 V/μm Minimum