



UNIVERSITY OF KERALA

DEPARTMENT OF PHYSICS

KARYAVATTOM, THIRUVANANTHAPURAM, INDIA – 695581.

Phone 0471 – 2308920

(NAAC Reaccredited with 'A++' Grade)

QUOTATION NOTICE

Quotations are invited for purchasing **SYLGARD 184 Silicone Elastomer Kit** with following Specifications by Department of Physics, University of Kerala, Kariavattom.

1	Name of Item	Supply of, SYLGARD 184 Silicone Elastomer Kit for Department of Physics, University of Kerala, Kariavattom Campus.
2	Documents to be submitted.	<u>Technical Bid.</u> 1. Address and Details of the Firm. 2. GST Registration details. 3. Product Details/Specification Items and Switch. 4. Any other relevant information <u>Financial Bid</u> 5. Financial quote.

SYLGARD 184 Silicone Elastomer Kit-1 no.

Product Specification	
Color	Colorless
Operational temperature range	-45 to 200 °C or higher
Viscosity (Base)	5100 cP
Viscosity (Mixed)	3500 cP
Thermal Conductivity (W/m ² K)	0.27 or better
Specific Gravity (Cured)	1.03 or higher
Cure time at 25°C	48 hrs
Heat cure time at 100°C	35 min
Heat cure time at 125°C	20 min
Heat cure time at 150°C	10 min
Dielectric strength	>19kV/mm
Tensile strength	➤ 6.7 MPa
Linear CTE (by DMA)	Less than or equal to 340 ppm/°C
UL RTI Rating	150°C

The **SYLGARD 184 Silicone Elastomer Kit** should be delivered at the Department of Physics, University of Kerala, Kariavattom.

The quotes should be inclusive of cost, freight, taxes etc.

Terms and conditions of warranty should be clearly mentioned.

The Quotations should reach to “Dr. Subodh G, PI KSCSTE Project and Assistant Professor, Department of Physics, University of Kerala, Kariavattom on or before 15-05-2023.”.

Subodh G

Dr. SUBODH G.
Assistant Professor
Department of Physics
University of Kerala
Thiruvananthapuram - 695 581

Subodh G

Head
Department of Physics
University of Kerala

Head
Department of Physics
University of Kerala
Kariavattom-695 581

