

TECHNICAL DATA SHEET

Tough Solid Silicone Rubber – Mouldings & Extrusions

Grade: SE50KT and SE60KT

Temperature Range: -60°C to 200°C

MECHANICAL PROPERTIES

Property	Units	SE 50 KT		SE 60 KT		Test Method
		Specification Limits	Typical Value	Specification Limits	Typical Value	
Hardness	Shore A	45 ±6	40	60 ±5	60	ASTM D2240
Tensile Strength	MPa	7.0 min	9.6	8.0 min	9.9	BS ISO 37
Elongation to Failure	%	600 min	805	550 min	643	BS ISO 37
Tear Strength	N/mm	20 min	40.8	20 min	41.5	BS ISO 34-1 Method C

The KT range of silicone rubbers have been developed to produce a silicone product with high strength, high elasticity, improved abrasion resistance and the ability to withstand puncture damage without catastrophic failure. It is particularly suited for use as a vacuum bagging material, or applications where a higher than normal elongation is required. There is a full range of standard colours available, including translucent, and Silicone Engineering has the capability to colour match to customer requirements.

Other grades of silicone rubber available from Silicone Engineering are:

- * General Purpose Grades * Cellular silicone Products * High Temperature Grades * High Tear Grades *
- * Flame Retardant Grades * Low Combustion Hazard Grades * Custom Compounds

This wide range of grades and production capability in silicone rubber is only available from



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