

## TECHNICAL DATA SHEET

### General Purpose Fluorosilicone Rubber

#### Grade: FSE 50 and 60

#### Temperature Range: -60°C to 200°C

#### MECHANICAL PROPERTIES

Property	Units	FSE 50		FSE 60		Test Method
		Specification Limits	Typical Value	Specification Limits	Typical Value	
Hardness	Shore A	50 ±5	48	60 ±5	61	ASTM D2240
Tensile Strength	MPa	7.0 min	7.3	7.0 min	8.3	BSISO 37
Elongation to Failure	%	200 min	350	200 min	240	BSISO 37
Tear Strength	N/mm	8.0 min	18.9	8.0 min	11.4	BSISO 34-1 method C
Compression Set 22 hrs @ 177°C	%	20 max	20	20 max	10	ASTM D395 method B

Fluorosilicone rubber is highly resistant to attack by many solvents that would cause rapid failure in other elastomers. For further information regarding the resistance of this product to chemical attack and other technical information, please contact the Silicone Engineering Technical department.

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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