



## Technical Data Sheet

### **QLE 1031**

*Quantum Silicones'25 Durometer Addition Cure  
Elastomer for Coating Applications*

#### **Product Description**

QLE 1031 is a 100% silicone solids elastomer designed for fabric or cloth coating applications. This two component system offers a tough coating, excellent adhesion and fast cure.

#### **Key Features**

- 100% solids – no solvents
- Long pot life
- Excellent adhesion

#### **Typical Properties**

##### Uncatalyzed Properties

	“A” Component	“B” Component
Viscosity, cps	25,000	1,200
Appearance	White	Clear
Specific Gravity, g/cm <sup>3</sup>	1.18	0.97
Mix Ratio	100:10	

##### Catalyzed Properties (cured 1 hr. @ 150C)

Pot life, hours	>72
Durometer, Shore A	25
Tensile, psi	250
Elongation, %	150

#### **Mixing**

Thoroughly stir both A and B components prior to mixing together.

#### **Mixing by hand**

Combine 100 parts of A component and 10 parts of B component by weight and stir until completely mixed. Use care when mixing to minimize air entrapment.

### **Mixing and dispensing with automatic equipment**

Use properly ratioed equipment for a 100:10 mix ratio. Also use a mixing system that will properly mix A and B components. Once mixed properly the material will have >72 hour pot life.

### **Storage and Shelf Life**

QLE 1031 should be stored in the original unopened container at 25C (77F). It will remain useful for a period of 12 months if stored under those conditions.

### **Not for Product Specification**

The technical data listed herein are provided as a reference only and are not intended as sales specifications. For sales and technical assistance or for product recommendations, please call 1-800-852-3147.

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