



Technical Data Sheet

QLE 1020

Quantum Silicones'45 DurometerClear, Addition Cure elastomer for Coating Applications

Product Description

QLE 1020 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
- Clear – can be tinted
- Good Abrasion resistance

Typical Properties

Uncatalyzed Properties

	“A” Component	“B” Component
Viscosity, cps	50,000	6,000
Appearance	Clear	Clear
Specific Gravity, g/cm ³	1.02	0.97
Mix Ratio	100:10	

Catalyzed Properties (cured 1 hr. @ 150C)

Pot life, hours	>72
Durometer, Shore A	45
Tensile, psi	500
Elongation, %	260
Tear B, ppi	50

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 1020 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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