

LABE ARMOR™



TYPICAL PROPERTIES

Hardness (Shore A)	Tensile Strength (MPa)	Elongation (%)	Modulus (MPa)	100% Elongation (MPa)	Max. Service Temperature
75	8.8	220		4.3	200°C

Above values are actual measurements, not standards.

Features

- Heat Resistance
- Low Adhesion to Quartz
- Resistance to O₂ Plasma

Applications

- Plasma Ashing Equipment
- Seals for Plasma Equipment
- Plasma Ashing Equipment



Valqua America, Inc.

Version: 110328

Actual Equipment Evaluation (Magnification of Etched Area)

Equipment: Asher
Vacuum: 2.8 Torr

Power: 1,300W
Temp: 250C

Time: 3 months
Gas: O₂, N₂



DUROMETER

	Initial Duro (as measured)	Etched Area	Opposite I.D. side
Fluorosilicon Rubber	74	99 (+25)	86 (+12)
LABE ARMOR	78	89 (+11)	80 (+2)

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