

LINING DATA SHEET

COMPOUND #: 5501
DESCRIPTION: Soft neoprene

CURED DUROMETER: 50 - 65 shore A

GAUGES: 1/8", 3/16", 1/4"

APPLICATION: Saltwater and ozone resistance. Resistant to some solvents and hydrocarbons.

ADHESIVE SYSTEM: Chemlok #289 (1st coat – Metal)
Chemlok #290 (2nd coat – Metal)
Cement 1127 (3rd coat – Metal, 1st coat – Elastomer)

CURE SYSTEM: Autoclave: 2 – 3 hrs. @ 275° F
Internal pressure: 6 hrs. @ 260° F
Atmospheric: 30 hrs. @ 180° F

REPAIR: Repair with 5501

INSPECTION: Use 12,000 volt Holiday tester for 3/16" or 1/4" lining.
Use 10,000 volt Holiday tester for 1/8" lining.

TYPICAL PHYSICAL PROPERTIES

Tensile Strength.....2000 (ASTM D 412)
% Elongation.....450 % (ASTM D 412)
Durometer..... 50 - 65 shore A
Adhesion to Metal..... 60 lbs. (ASTM D 429)
Temperature Resistance.....140 deg. F maximum continuous exposure
Temperature Resistance.....200 deg. F maximum for up to 12 hrs exposure