



MATERIAL REPORT

DATE: 7/28/03

TITLE: General evaluation of V8534-90.

PURPOSE: To obtain general test data.

CONCLUSION: V8534-90 is an excellent highly fluorinated elastomer offering good resiliency and extrusion resistance.

REVISION A: Added acetone, benzene, compression set, heat age, low temperature testing.

Recommended Temperature Range: -15 to 400F

Recommended for: bases, phosphate esters, amines, petroleum oils, acids, ozone, alcohols, polar solvents

Not Recommended for: acetic acid, organic acetates, fluorinated oils & refrigerants

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REPORT DATA

<u>Base Polymer</u>	<u>V8534-90</u> Hifluor
<u>Original Physical Properties</u>	
Hardness (Shore A) pts	91
Tensile Strength, psi	3024
Elongation, %	95
Modulus @ 100%, psi	1433
Specific Gravity	1.99
<u>Compression Set, ASTM D395 Method B</u>	
24 Hours @ 392 °F, % of original deflection	29