

# NOVEX

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## NOVITANE vs UHMW-PE

### Property Comparison

| Property            | NOVITANE                   | UHMW-PE        |
|---------------------|----------------------------|----------------|
| Specific Gravity    | 1.24                       | 0.934          |
| Hardness Shore "D"  | 43                         | 65             |
| Tensile Strength    | 7,500                      | 3,100          |
| Abrasion Resistance | 9                          | 22             |
| Chemical Resistance | Fair                       | Good           |
| Method of Anchoring | Bolts & Clamps             | Bolts & Clamps |
| Impact Resistance   | Good                       | Poor           |
| Self-Lubrication    | Good                       | Good           |
| Flexibility         | Good-Depends Upon Extender | Very Stiff     |
| Ease of Cutting     | Good                       | Good           |
| Material Release    | Good                       | Good           |

*Note: Lower number indicates better abrasion resistance; therefore Novitane has 2.4 times the abrasion resistance of UHMW.*