



| 55A GP Santoprene® | | |
|---------------------------|----------------|------------|
| Physical | Nominal Values | Test |
| Specific Gravity | 0.97 - | ASTM D792 |
| Elastomers | Nominal Values | Test |
| Tensile Stress @ 100% | 290 psi | ASTM D412 |
| Tensile Str @ Break Elast | 638 psi | ASTM D412 |
| Elongation @ Break Elast | 330% | ASTM D412 |
| Tear Strength | 108 lb/in | ASTM D624 |
| Tear Strength Temp | 73.4 °F | |
| Compression Set | 23% | ASTM D395 |
| Compression Set Temp | 73.4 °F | |
| Hardness | Nominal Values | Test |
| Durometer Hardness A | 55 - | ASTM D2240 |
| Durometer Scale | A Scale - | |
| Durometer Test Thickness | 0.118 in | |
| Thermal | Nominal Values | Test |
| Brittle Temperature | - 76 °F | ASTM D746 |
| Electrical | Nominal Values | Test |
| Dielectric Strength | 500 V/mil | ASTM D149 |
| Dielectric Str. Thickness | 125 mil | |
| Dielectric Constant | 2.3 - | ASTM D150 |
| Arc Resistance | 90 s | ASTM D495 |
| Arc Resistance Thickness | 0.125 in | |
| Flammable | Nominal Values | Test |
| Flame Rating - UL, HB | 0.0398 in | UL 94 |
| UL 746 | Nominal Values | Test |
| Rel Temp Indx Mech w/olmp | 203 °F | UL 746 |
| RTI Mech w/olmp Thick | 0.125 in | |
| Rel Temp Indx Mech w/lmp | 158 °F | UL 746 |
| RTI Mech w/lmp Thick | 0.125 in | |



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|----------------------------|--|--------------|--|--------|
| Rel Temp Indx Elect | | 194 °F | | UL 746 |
| RTI Elect Thick | | 0.0398 in | | |
| Comparative Track Index | | 600 V | | UL 746 |
| Compar Track Index Thick | | 0.125 in | | |
| High Volt Arc Track Rate | | 0.689 in/min | | UL 746 |
| High Volt Track Rate Thick | | 0.125 in | | |
| Hot Wire Ignition | | 45 s | | UL 746 |
| Hot Wire Ignition Thick | | 0.125 in | | |
| High Ampere Arc Ignition | | 120 - | | UL 746 |
| High Amp Arc Ign Thick | | 0.0618 in | | |