

SWAT-T™

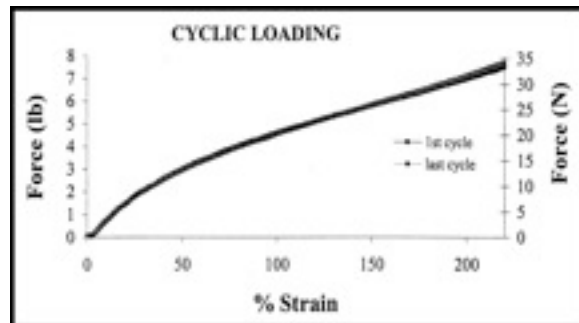
Physical Properties and Compatibility

Tensile Strength	2250psi (pounds per square inch)**
Elongation (max)	761%
Effective elongation for tourniquet application	200%
Specific Gravity	1.212
Minimum recommended operating temp.	-65° F (-53° C)
Maximum recommended operating temp.	180° F (82° C)
**note – this is a laboratory test, caution in interpretation as the SWAT-T is not square.	

Compatibility and General Properties

Electrical Resistivity	Excellent
Dielectric Strength	Excellent
Water Resistance	Excellent
Abrasion Resistance	Excellent
Resiliency	Good
Compression Set Resistance	Good
Alkali	Good
Oxidation	Good
Heat Aging Resistance	Good
Acid (dilute)	Fair to Good
Acid (concentrate)	Fair
Gas Permeability	Fair
Petroleum Products	Not Recommended

- The SWAT-T™ has been tested to 300°F and frozen for months.
- The SWAT-T™ has been brought to 212°F (in boiling water) and allowed to cool to room temperature.
- Extreme temperature tested devices performed well immediately after removal



Cyclic loading occurred at > 5000 cycles of 250% strain. This testing is well beyond what is needed for the SWAT-T™ to function as a tourniquet.