

# Material and Rope Specs

Products of

**Industrial Energy Products**

**1200 Corporate Blvd.**

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## **HOT•STOP 1500 SPECIFICATIONS**

<b>Weight</b>	<b>Thickness</b>	<b>Break Strength</b>	<b>Taber Abrasion Resistance</b>
		(Lbs. per inch)	(Cycles)
1500-L 27.5 oz / yd <sup>2</sup>	.050"	W - 400 F - 393.3	1240
1500-M 30.5 oz / yd <sup>2</sup>	.060"	W - 400 F - 400	1900
1500-H 40 oz / yd <sup>2</sup>	.070"	W - 400 F - 400	4000

Moisture Absorbency (surface): up to 0.3%

Moisture Regain: None

Melting Temperature: 2080°F

Propane torch test:

HOT•STOP 1500 H was placed 2" from the flame of a propane torch at a 90° angle at temperatures up to 2000°F.

Time in seconds for flame to penetrate: 1800

### **HOT•STOP 1500 Fabrics meet or exceed the following specifications**

724 Flame Spread – 0 Fuel Contributed - 0, Smoke Density - 0

U.S. Coast Guard Spec. 164.009

U.S. Military Spec. MIL-C-270079

U.S. Military Spec. MIL-I-24244

Meets or exceeds NFPA Spec. 701

## **HT2 Rope Specs**

HT2 is both abrasion resistant and fireproof. An outer braid of a specially blended aramid fiber gives the line durability, abrasion and cut resistance. An inner core of a proprietary treated HOT-STOP rope allows the line to maintain strength and flexibility at steady state temperatures of 1200°F with a melting point of 2080°F.

HT2's outer braid is blended to offer excellent durability, abrasion and cut resistance.

The outer braid performs like any other rope up to 650°F, at temperatures above 650°F the outer braid is sacrificial and will char.

Once temperatures exceed 650°F the rope core remains as the line maintaining its strength and flexibility at working temperatures up to 1200°F.

HT2 has minimum burst strength of 650 psi.