

# C-59

# CARBON



by TEXTECH

## PRODUCT DESCRIPTION:

Plain weave

## PHYSICAL PROPERTIES:

**Fiber Content** 86% Oxidized PAN, 14% P-Aramid

**Weight** 5.9 oz/yd<sup>2</sup>, 200 grams/M<sup>2</sup>

## COMMON APPLICATIONS:

Work shirts, welding sleeves, aprons,  
book binding

**Thickness** 24 mls

**Roll Width** 60" actual, 58" cuttable

TEST	TEST METHOD	PERFORMANCE	
<b>Arc Rating</b>	NFPA 70E	Hazard Risk Category	<b>HRC 2</b>
<b>TPP</b> Thermal Protective Performance	ASTM F2700	Single Layer	<b>9.2 cal/cm<sup>2</sup></b>
<b>Flame Resistance</b>	ASTM D6413	After Flame	<b>0 seconds</b>
		After Glow	<b>0.9 seconds</b>
		Char Length	<b>0.8 inches</b>
<b>Flame Resistance (After 100 Washes)</b>	ASTM D6413	After Flame	<b>0 seconds</b>
		After Glow	<b>2.9 seconds</b>
		Char Length	<b>1.0 inches</b>
<b>Dimensional Stability</b>	AATCC TM 135-2018 5 cycles in accordance with Method 3, IV, Aiii	Length	<b>-3.1%</b>
		Width	<b>-1.5%</b>
		Combined Average	<b>-2.3%</b>
<b>Breaking Strength</b>	ASTM D5034	Length <b>354.6 lbf</b>	Width <b>359.4 lbf</b>
<b>Elongation at Peak Force</b>	ASTM D5034	Length <b>17.3%</b>	Width <b>12.5%</b>
<b>Tearing Strength</b>	ASTM D1424	Length <b>13.79+ lbf</b>	Width <b>12.21+ lbf</b>
<b>Seam Strength</b>	ASTM D1683	Length <b>66.18 lbf</b>	Width <b>53.80 lbf</b>
<b>Martindale Abrasion</b>	ASTM D4966	<b>70,000+ (cycles to hole)</b>	

## MEETS OR EXCEEDS:

ASTM F1506 NFPA 1977

NFPA 1971 NFPA 2112

NFPA 1975

## CARE INSTRUCTIONS FOR ALL WOVENS:

- Wash in cold water with mild detergent.
- Avoid washing with items containing Velcro and zippers.
- Do not use bleach or fabric softener.
- Hang dry when possible.
- Machine drying is not recommended. Dry on low heat if necessary, using caution not to over dry.
- Do not dry clean.



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