



**TECHNICAL DATA SHEET**  
**Lorica TW7 - 100% OPF Twill Woven Fabric**  
**December 15, 2014**

<b>Construction</b>	Twill Weave
<b>Weight</b>	7.5oz; 254gsm
<b>Color</b>	Black
<b>Width</b>	60"; 152 cm
<b>Chemical Treatment / Coatings</b>	None

*Lorica 100% OPF fabrics are not only comfortable and breathable, but are also inherently arc & flash fire resistant, anti-bacterial & physiologically safe.*

*They maintain both strength & appearance after exposure to UV, alkalines, acids, solvents and molten metals.*

**THESE TESTS HAVE BEEN COMPLETED BY INDEPENDENT LABS**

<b>Arc Rating ATPV</b>	ASTM f 1506	9.3
<b>Thermal Protective Performance (TPP)</b>	ASTM D4108-87	17.4
<b>Afterflame</b>	ASTM D6413-99	None
<b>Afterglow (L x W)</b>	CAN/CGSB-4.2 #27.1	1.12s / 2.76s
<b>Predicted % Body Burn</b>	NFPA 2112	9.02
<b>Char Length (L x W)</b>	NFPA 2112	3 mm / 1 mm
<b>Melting / Dripping</b>	ASTM D4966	None
<b>Does the fabric separate or ignite?</b>	NFPA 2112	No
<b>Abrasion</b>	ASTM D44966	No change in appearance
<b>Pilling</b>	ASTM 3512	None
<b>Melting Point</b>	ASTM D6413-99	Does not melt
<b>Conductivity</b>	AATCC 76-2005	Non-conductive
<b>Colorfastness to Laundering</b>	AATCC 61	No change in appearance

