

INSTEEL WIRE PRODUCTS

Hickman, KY

DISCRETE JOB # 315201

This is a certified report that the material listed below meets or exceeds the following specifications:

ASTM -A 82 Tensile & Bend Tests

Conf Number: **CONF315201**

ASTM-A 185 Weld Shear Tests

Cust. Order No:

Sales Order No:

Item

Number: **552-048357**

Product Style: 6X6W2.1/W2.1 (.192\1.192) .058 IR IR
96" (+) X 15' (+)

TENSILE TESTS

Test		Pounds / Foot	WIRE	ACTUAL	TENSILE	ROA
WIRE SIZES	No.	*Deformed Wire Only*	DIA.	AREA	POUNDS/ %	
Longitudinal	Transverse	Actual	Nominal (Inches)	(Sq. In.)	SQ. IN.	
W2.1	XXXXXXX 1	0.162	0.02061	95,915	52%	
W2.1	XXXXXXX 2	0.162	0.02061	96,788	52%	
XXXXXXX	W2.1 1	0.162	0.02061	96,400	54%	
XXXXXXX	W2.1 2	0.162	0.02061	96,934	54%	

ALL WIRES LISTED ABOVE MEET A.S.T.M. A-82 OR A-496 BEND TEST REQUIREMENTS

WELD SHEAR TESTS

WIRE SIZES: W2.1 / W2.1

Test Number	1	2	3	4
Break Load (Lbs. Of Force)	1836	1684	1625	1754

MINIMUM BREAK LOAD REQUIRED 735 LBS. OF FORCE

RAW MATERIALS - HEAT NUMBER INFORMATION

Longitudinal Wires Heat No's.:
Size: 5/5 BR 88765-TL

Transverse Wires Heat No's.:
Size: 5/5 BR 88763-TL