

# **INSTEEL WIRE PRODUCTS**

Hickman, KY

DISCRETE JOB # 324401

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

ASTM -A 82 Tensile & Bend Tests  
ASTM-A 185 Weld Shear Tests

Conf Number: **conf324401**

Cust. Order No:

Sales Order No: **346546**

Item

Number: **552-036902**

Product Style: 6X6D2.9/D2.9 (.192\1.192) .058IR 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.	
D2.9	XXXXXXX 1	0.0974	0.0925	0.192	0.02895	90,526 63%	
D2.9	XXXXXXX 2	0.0978	0.0925	0.192	0.02895	89,836 63%	
XXXXXXX	D2.9 1	0.0982	0.0925	0.193	0.02926	82,071 62%	
XXXXXXX	D2.9 2	0.0944	0.0925	0.193	0.02926	82,481 62%	

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

## **WELD SHEAR TESTS**

WIRE SIZES: D2.9 / D2.9

Test Number	1	2	3	4
Break Load				
(Lbs. Of Force)	1783	1925	2480	2362

MINIMUM BREAK LOAD REQUIRED 1015 LBS. OF FORCE

## **RAW MATERIALS - HEAT NUMBER INFORMATION**

Longitudinal Wires Heat No's.:  
Size: 7.0 BEI HGL0987

Transverse Wires Heat No's.:  
Size: 7.0 BEI HGL0987