

Kapton arc sections inserted between every eighth turn on those layers that face the cooling channels

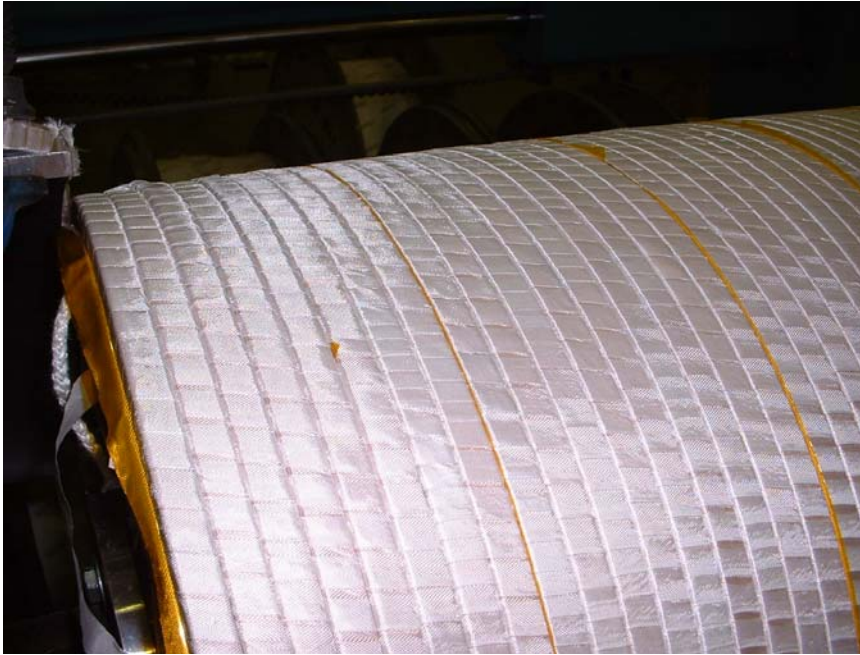
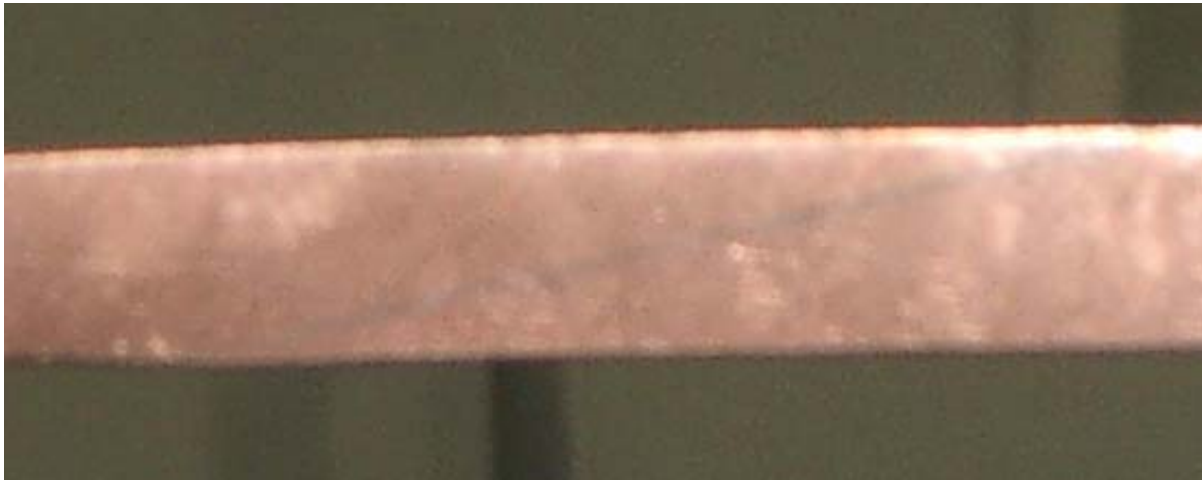
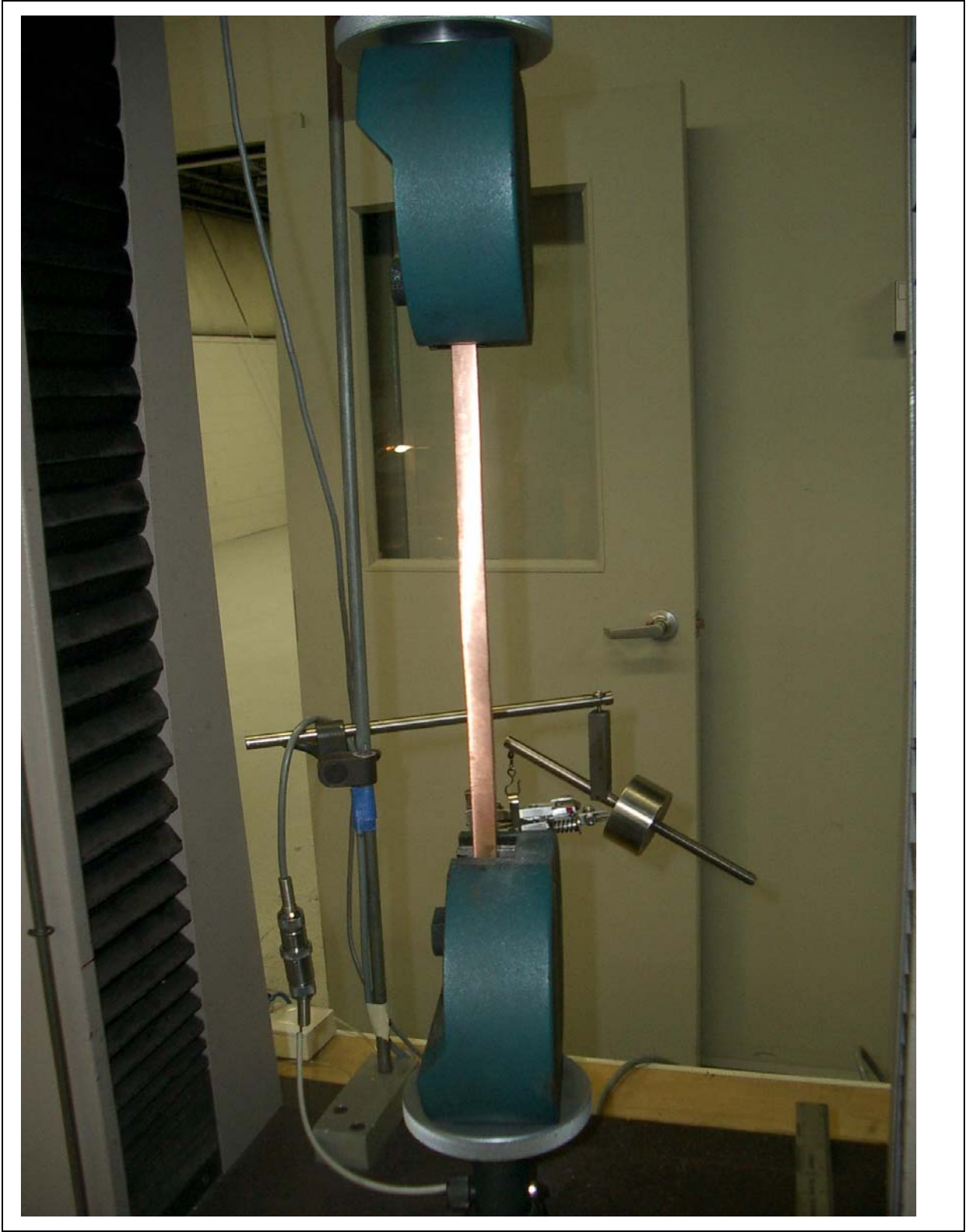
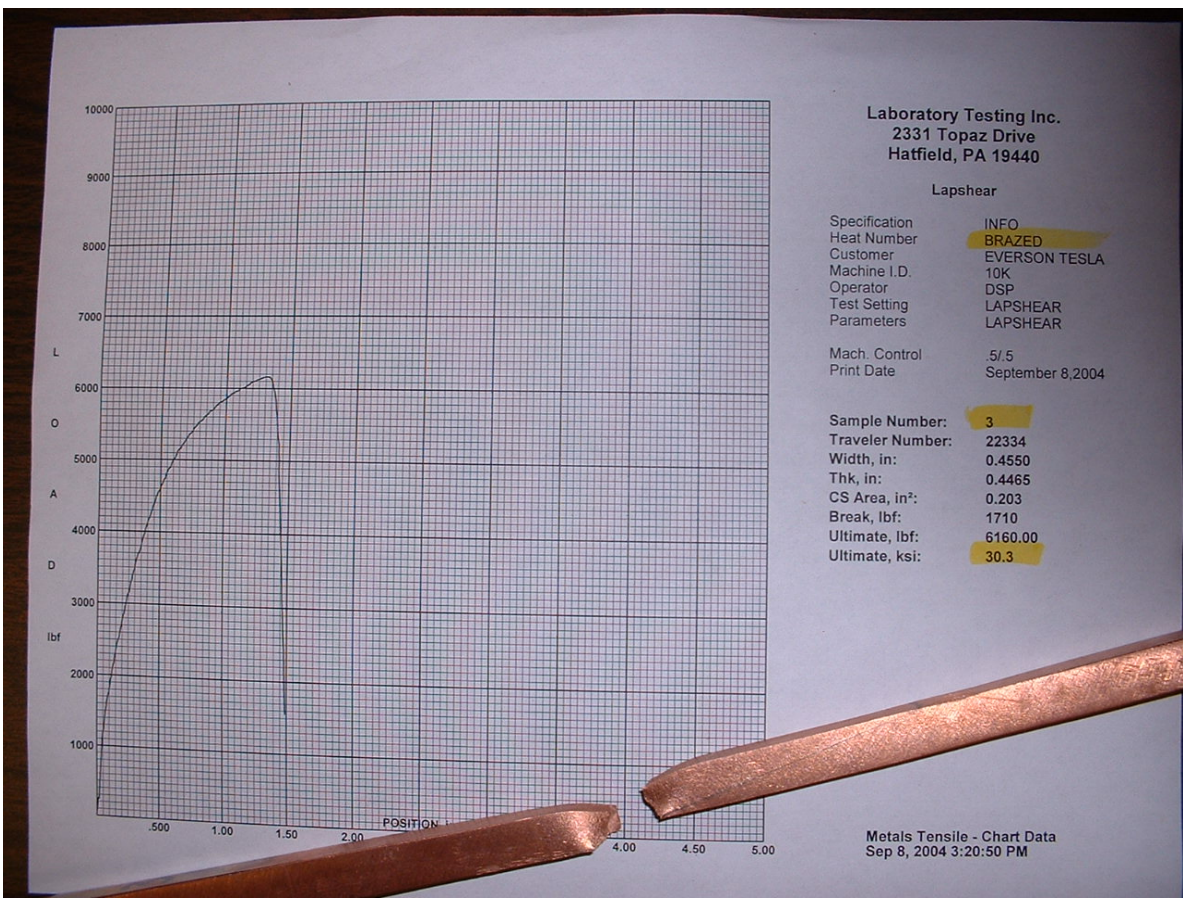


Photo taken by Dave Rakos at Everson 09-08-04. Kapton layer spaced at every eighth turn relieves axial tension in the layers near the cooling channels.



Faint indication of silver soldered scarf joint





Laboratory Testing Inc.
2331 Topaz Drive
Hatfield, PA 19440

Lapshear

Specification INFO
Heat Number BRAZED
Customer EVERSON TESLA
Machine I.D. 10K
Operator DSP
Test Setting LAPSHEAR
Parameters LAPSHEAR

Mach. Control .5/ 5
Print Date September 8, 2004

Sample Number: 3
Traveler Number: 22334
Width, in: 0.4550
Thk, in: 0.4465
CS Area, in²: 0.203
Break, lbf: 1710
Ultimate, lbf: 6160.00
Ultimate, ksi: 30.3

Metals Tensile - Chart Data
Sep 8, 2004 3:20:50 PM