



Element Materials Technology
662 Cromwell Avenue
St Paul, MN
55114-1720 USA

P 651 645 3601
F 651 659 7348
T 888 786 7555
info.stpaul@element.com
element.com

CLAMPING STRENGTH OF JK 4.0 KLAMP

J&K Tool Company, Inc.	Date:	December 16, 2019
Attn: Ms. Trista Whaley	Author:	Jay Anderson
6385 County Rd 7	Report Number:	ESP032616P.2R0
Wheaton, MN 56296	Client Purchase Order Number:	121

Manufacturer:	J&K Tool Company, Inc.
Product Description:	JK 4.0 KLAMP
Number of Tests:	1
Type of Pipe Clamped:	2" PVC Schedule 40
Test Speed:	0.05 in/min
Sustained Load:	4,074 lbf
Test Equipment:	MTS Universal Test Machine, Mdl Qtest / 50LP, System #1532, ID MM210-009 MTS Load Cell, 11200lbf Capacity, S/N 105191, ID MM210-009.2
Comments:	Pipe must be properly clamped to obtain reported load

Submitted by,

Jay Anderson, PE
Department Manager
Materials Department

Reviewed by,

Charly Arkens
Associate Non Metallic Materials Engineer
Materials Department

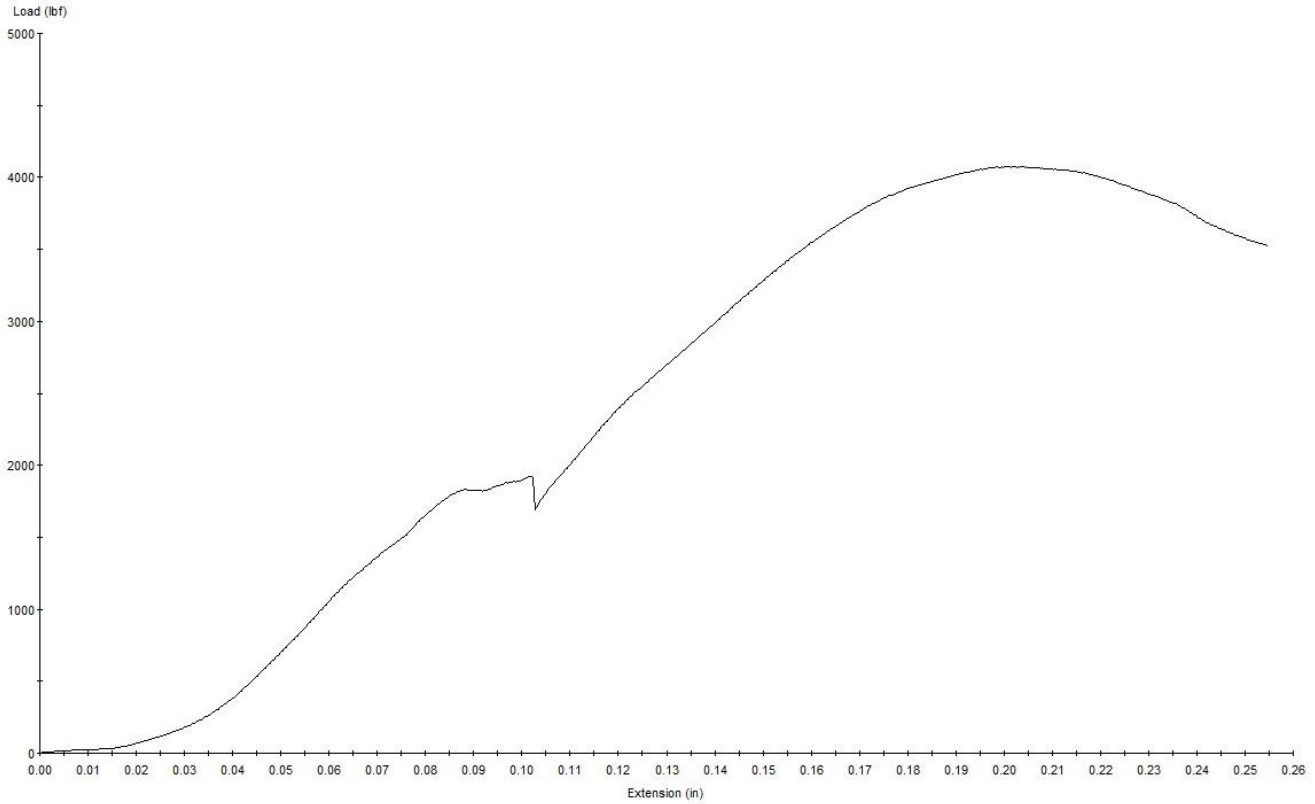
It is our policy to retain components and sample remnants for a minimum of 30 days from the report date, after which time they may be discarded. The data herein represents only the item(s) tested. This report shall not be reproduced, except in full, without prior permission of Element Materials Technology. All testing was performed in accordance with the latest edition of the applicable test method in effect at the time of test unless otherwise noted.

EAR Controlled Data: This document contains technical data whose export and re-export/retransfer is subject to control by the U.S. Department of Commerce under the Export Administration Act and the Export Administration Regulations. The Department of Commerce's prior written approval is required for the export or re-export/retransfer of such technical data to any foreign person, foreign entity or foreign organization whether in the United States or abroad.

This project shall be governed exclusively by the General Terms and Conditions of Sale and Performance of Testing Services by Element Materials Technology. In no event shall Element Materials Technology be liable for any consequential, special or indirect loss or any damages above the cost of the work.

TEST RESULTS

Specimen Number: 2



Specimen Results:

Name	Value	Units
Specimen Comment	2" PVC Schedule 40	N/A
Peak Load	4,074	lbf