Picote Solutions
Xpress Resin Systems

Version:
October 29, 2024

TECHNICAL INFORMATION GUIDE

Xpress Coating Resin Systems

- General Overview
- Technical Data Sheets
- Resin Usage Consumption
- Picote Brush Coating™ Certified Installer Training
- ASTM Testing
- Chemical Resistance
- SDS Sheets

TABLE OF CONTENTS

To watch practical demonstration videos, take a course, or to download an electronic copy of these Instructions, please visit www.picoteinstitute.com. Please note that videos and courses are not intended as a replacement or alternative to this operating and safety manual, but only as an additional learning tool.

GENERAL INFORMATION / PRODUCT OVERVIEW

PRODUCT DESCRIPTION:
This product has been created to renovate drains, sewers, water pipes, electrical conduits, heat and a/c ducts and more in concrete, PVC, fiberglass, clay, copper, cast iron, ductile iron, and steel pipes by brush casting a coating. The specially formulated coating resin forms a corrosion resistant or semi-structural repair inside the original pipe (depending on # of coats applied) that is a tested, safe and environmentally friendly product. The new pipe is corrosion resistant, anti-static, wear-resistant and non-corrosive. Thanks to a high breaking stretch, it also withstands shocks and bending.

USES/BASIC METHODOLOGY:
- Extend the life span of the original pipe: The resin can be used to prolong the life of an existing pipe. Clean the pipe well. Apply 2 or more (1mm/coat) layers of the Xpress resin.
- The new slick inner surface will increase the flow inside the pipe minimizing the risk of blockages.
- Create a new semi-structural pipe: Apply multiple coats of the resin (use design calculator based on pipe diameter found in the manual or later in this document) to form a seamless new pipe with a 2-4mm wall thickness depending on the pipe diameter. Estimated 30-50 year design life when using Semi-Structural Design Specifications based on pipe diameter.

BENEFITS FOR CONTRACTORS:
Extend the service life of a pipe, stop corrosion, create a new pipe, ”patch” on top of CIPP liners and fortify connections*. Apply to small areas or all drains in multi-story buildings. The Picote Coating™ System is affordable, practical and easily fits in tight places.

BENEFITS FOR PROPERTY OWNERS:
Customers can stay at home or keep business open during drain renovation. A greener alternative eliminating the need to destroy existing walls, gardens or sidewalks, the no-dig solution reduces waste produced at job sites. Interruptions to traffic are also minimized. All materials used are non-toxic.

HOW LONG WILL THE PIPE BE OUT OF SERVICE?:
Dry to touch in 3 hours with ambient cure.
Return to Service/Light Wear: 4 hours.
Final Hardness: 24 hours.
Full service can be restored 4 hours after last coat has been applied (24hrs for potable)

TYPES OF PIPE:
Suitable for concrete, PVC, fiberglass, clay, copper, cast iron, ductile iron, and steel pipes. Preparation of the coating surface is dependent on the material of the pipe. Please see corresponding Picote Operation & Safety Manual.

OPERATIONAL SETUP:
The Picote Brush Coating™ System and Xpress Resin is powered by the Picote Millers. Picote Millers can also be used for pipe preparation, drain cleaning and reinstatements on lateral connections. The system is practical and easy to keep clean.

**Ensure that materials are compatible and the surface is properly prepared.*

TECHNICAL DATA SHEET

GENERAL DESCRIPTION	Xpress Resin 100% Solids Epoxy Dual component epoxy used to rehabilitate concrete, PVC, fiberglass, clay, copper, cast iron, ductile iron, and steel pipes. Creating a monolythic corrosion barrier or semi -structural repair of decayed and damaged pipes. Designed exclusively for the Picote Xpress Brush Coating™ System.
NUMBER OF COMPONENTS	2
MIX RATIO	1:1 mix ratio by volume in pre-packaged cartridges.
PACKAGE SIZES	Picote Epoxy Base - White (Part A) = Bucket (2.94 gallons/11.13 litres), 30.86 lbs Picote Epoxy Catalyst - Black (Part B) = Bucket (2.94 gallons/11.13 litres), 24.15 lbs
PIPE DIAMETER RANGE	1¼-12'' (DN32-300) pipes.
WORKING METHOD	Coating applied with brush.
COLOR USAGE	Single Color (Grey)
APPLICATION EQUIPMENT	Picote Brush Coating™ System using Xpress Coating Pumps and Picote Millers.
LEVELING	Product is self-leveling.
GAS EMISSIONS	No harmful VOCs released during mixing or after hardening (VOC free).
DRY CONTENT/SOLIDS	100% solids (no solvents).
FLASH POINT	392°F (200°C).
GLOSS	Semi-gloss.
THINNER	Not used.
SHRINKAGE	100% Solids, does not shrink.
HUMIDITY	Hydrophobic, repels water.
UV RESISTANCE	Direct sunlight can alter color of coating.
STATIC/CONDUCTIVITY	Electrical insulating material, does not conduct electricity and is anti-static.
SURFACE PREPARATION	All surfaces to be coated must be dry and clean, free from oil, grease, debris and other contaminants. **Concrete:** must be jetted and cleaned removing any loose concrete. **Steel/Ductile Iron:** Near-White SSPC-SP10/NACE 2. Acceptable methods: sand blast, chain flail, or Picote Smart Cutter™ and Side Grinding Panels **Stainless Steel:** Nace No. 1/SSPC SP-5 White Metal Blast cleaning is needed and is beyond the capability of Picote cleaning tools. White metal blast cleaning is to be used to clean unpainted or painted steel surfaces prior to applying high-performance protective coating or lining systems. SSPC-SP 5/NACE No. 1 removes all visible oil, grease, dust, dirt, mill scale, rust, coating, oxides, corrosion products, and any other foreign matter on the surface.
POT LIFE	Mixed resin about 25 min @70°F (21°C).
RATE OF COVERAGE	See Picote Resin Calculator (www.picoteinstitute.com) Average expected application per coat: .9-1mm (35.4-39.37 mils) Minimum expected application per coat: .8mm (mils (31.49 mils) Maximum expected application per coat: 1.2mm (47.2 mils)

TECHNICAL DATA SHEET

NUMBER OF COATS

Number of coats required is dependent on pipe diameter and rehabilitation goal
Estimated 30-50 year design life when using Semi-Structural Design Specifications.
Resistance to High Pressure Water Jetting:

- Minimum 4 coats need to be applied.
- Maximum Jetting Pressure: 2600 PSI (180 Bar).

Corrosion Resistance:

- After cleaning metal pipes, corrosion will come back quicker without coating.

Pipe Diameter	# of Coats for Corrosion Resistance	# of Coats for Semi Structural
1¼" (DN32)	1	1
1½" (DN40)	1	1
2" (DN50)	2	2
3" (DN70)	2	2
4" (DN100)	2	3 to 4
6" (DN150)	2 to 3	4 to 5
8" (DN200)	3 to 4	5 to 6
9" (DN225)	4 to 5	6 to 7
10" (DN250)	4 to 5	7 to 8
12" (DN300)	5 to 6	8 to 9

HARDENING/CURE TIME

Recoat: 1 hours @77°F (25°C) using Picote Heater.
Restore flow: 4 hours (24 hours for potable water projects) @70°F (21°C).
Final Cure: 24 hours @70°F (21°C).

RECOAT

Can be recoated within 12 hours without additional pipe preparation.
After 12 hours must be abraded with Picote Smart Cutter™ Side Grinding Panels.

TEMPERATURES

Installation: 50-140°F (10-60°C).
Storage: Room Temperature 60-95°F (15.5-29°C).
Finished Product:

- Max: up to 180°F (82°C) in most commercial hot water applications.
- Min: 40°F (4.5°C) in standard water applications.

MECHANICAL TESTING

ASTM Testing:

Tensile Strength	D638	3,727 PSI
Tensile Elongation	D638	5.4%
Flexural Modulus	D790	134,211 PSI
Flexural Strength	D790	3,490 PSI
Adhesive Strength	D4541	Currently in Testing
Adhesion Strength Metal:		Currently in Testing
Adhesion Strength Concrete:		Currently in Testing

)

TECHNICAL DATA SHEET

SHELF-LIFE	Unopened: 24 months from date of manufacture when stored according to recommended conditions. Opened: up to 6 weeks.
STORAGE TEMPERATURE	60-85°F (15.5-29°C).
CLEAN UP	Clean brushes using acetone. **REFER TO SAFETY DATA SHEET FOR SAFETY AND HEALTH INFORMATION.**
INDUSTRIAL SAFETY	Ready-measured product must not be in contact with skin (it adheres).
SAFETY DATA SHEET (SDS)	Available via QR code on resin packaging as well as online at www.picoteinstitute.com in Picote Xpress Resin Technical Document.
SHIPPING	The two part resin is packaged in sealed buckets. Suggested storage at room temperature and in accordance with the guidelines in Technical Data Sheet.
TECHNICAL ENQUIRIES	Ryan Boldan, Global Learning Solutions Director 1 (864) 940-0088 ryan@picotesolutions.com Richard Swan, Director of Client Technical Services 44 (0) 782 722 3237 richard@picotesolutions.com

RESIN USAGE CONSUMPTION

RESIN CALCULATOR:

The Picote Xpress Resin Calculator is an Excel spreadsheet that can be downloaded from the Picote Institute online learning platform at picoteinstitute.com. It calculates project resin usage based on pipe diameter, number of coats, and the length of the repair.

XPRESS COATING PUMP % INDICATOR and COATING SCALE

The Picote Xpress Pump has a % scale chart located on the clear front door that visually correlates to the cylinder position to indicate the % of a full stroke that the cylinders have covered. This information can be used along with Coating Scale Charts (also part of the downloadable Xpress Resin Calculator) to show the maximum distance, by pipe diameter that the remaining resin in the Xpress Pump cylinders will cover.

PICOTE LIFE FOR PIPES

Xpress Coating Scale (USA)

Scale is the maximum distance one full stroke of the Xpress Pump will cover.

Scale	Pipe Diameter (Inches)										
%	1 1/4"	1 1/2"	2"	3"	4"	5"	6"	8"	9"	10"	12"
0%	88.6 ft	65.6 ft	52.5 ft	32.8 ft	26.2 ft	23.0 ft	19.7 ft	13.1 ft	11.5 ft	9.8 ft	8.5 ft
5%	84.2 ft	62.3 ft	49.9 ft	31.2 ft	24.9 ft	21.8 ft	18.7 ft	12.5 ft	10.9 ft	9.4 ft	8.1 ft
10%	79.7 ft	59.1 ft	47.2 ft	29.5 ft	23.6 ft	20.7 ft	17.7 ft	11.8 ft	10.3 ft	8.9 ft	7.7 ft
15%	75.3 ft	55.8 ft	44.6 ft	27.9 ft	22.3 ft	19.5 ft	16.7 ft	11.2 ft	9.8 ft	8.4 ft	7.3 ft
20%	70.9 ft	52.5 ft	42.0 ft	26.2 ft	21.0 ft	18.4 ft	15.7 ft	10.5 ft	9.2 ft	7.9 ft	6.8 ft
25%	66.4 ft	49.2 ft	39.4 ft	24.6 ft	19.7 ft	17.2 ft	14.8 ft	9.8 ft	8.6 ft	7.4 ft	6.4 ft
30%	62.0 ft	45.9 ft	36.7 ft	23.0 ft	18.4 ft	16.1 ft	13.8 ft	9.2 ft	8.0 ft	6.9 ft	6.0 ft
35%	57.6 ft	42.7 ft	34.1 ft	21.3 ft	17.1 ft	14.9 ft	12.8 ft	8.5 ft	7.5 ft	6.4 ft	5.5 ft
40%	53.1 ft	39.4 ft	31.5 ft	19.7 ft	15.7 ft	13.8 ft	11.8 ft	7.9 ft	6.9 ft	5.9 ft	5.1 ft
45%	48.7 ft	36.1 ft	28.9 ft	18.0 ft	14.4 ft	12.6 ft	10.8 ft	7.2 ft	6.3 ft	5.4 ft	4.7 ft
50%	44.3 ft	32.8 ft	26.2 ft	16.4 ft	13.1 ft	11.5 ft	9.8 ft	6.6 ft	5.7 ft	4.9 ft	4.3 ft
55%	39.9 ft	29.5 ft	23.6 ft	14.8 ft	11.8 ft	10.3 ft	8.9 ft	5.9 ft	5.2 ft	4.4 ft	3.8 ft
60%	35.4 ft	26.2 ft	21.0 ft	13.1 ft	10.5 ft	9.2 ft	7.9 ft	5.2 ft	4.6 ft	3.9 ft	3.4 ft
65%	31.0 ft	23.0 ft	18.4 ft	11.5 ft	9.2 ft	8.0 ft	6.9 ft	4.6 ft	4.0 ft	3.4 ft	3.0 ft
70%	26.6 ft	19.7 ft	15.7 ft	9.8 ft	7.9 ft	6.9 ft	5.9 ft	3.9 ft	3.4 ft	3.0 ft	2.6 ft
75%	22.1 ft	16.4 ft	13.1 ft	8.2 ft	6.6 ft	5.7 ft	4.9 ft	3.3 ft	2.9 ft	2.5 ft	2.1 ft
80%	17.7 ft	13.1 ft	10.5 ft	6.6 ft	5.2 ft	4.6 ft	3.9 ft	2.6 ft	2.3 ft	2.0 ft	1.7 ft
85%	13.3 ft	9.8 ft	7.9 ft	4.9 ft	3.9 ft	3.4 ft	3.0 ft	2.0 ft	1.7 ft	1.5 ft	1.3 ft
90%	8.9 ft	6.6 ft	5.2 ft	3.3 ft	2.6 ft	2.3 ft	2.0 ft	1.3 ft	1.1 ft	1.0 ft	0.9 ft
95%	4.4 ft	3.3 ft	2.6 ft	1.6 ft	1.3 ft	1.1 ft	1.0 ft	0.7 ft	0.6 ft	0.5 ft	0.4 ft
100%	0 ft	0 ft	0 ft	0 ft	0 ft	0 ft	0 ft	0 ft	0 ft	0 ft	0 ft

PICOTE LIFE FOR PIPES

Xpress Coating Scale (Metric)

Scale is the maximum distance one full stroke of the Xpress Pump will cover.

Scale	Pipe Diameter (MM)										
%	32	40	50	70	100	125	150	200	225	250	300
0%	27.0 m	20.0 m	16.0 m	10.0 m	8.0 m	7.0 m	6.0 m	4.0 m	3.5 m	3.0 m	2.6 m
5%	25.7 m	19.0 m	15.2 m	9.5 m	7.6 m	6.7 m	5.7 m	3.8 m	3.3 m	2.9 m	2.5 m
10%	24.3 m	18.0 m	14.4 m	9.0 m	7.2 m	6.3 m	5.4 m	3.6 m	3.2 m	2.7 m	2.3 m
15%	23.0 m	17.0 m	13.6 m	8.5 m	6.8 m	6.0 m	5.1 m	3.4 m	3.0 m	2.6 m	2.2 m
20%	21.6 m	16.0 m	12.8 m	8.0 m	6.4 m	5.6 m	4.8 m	3.2 m	2.8 m	2.4 m	2.1 m
25%	20.3 m	15.0 m	12.0 m	7.5 m	6.0 m	5.3 m	4.5 m	3.0 m	2.6 m	2.3 m	2.0 m
30%	18.9 m	14.0 m	11.2 m	7.0 m	5.6 m	4.9 m	4.2 m	2.8 m	2.5 m	2.1 m	1.8 m
35%	17.6 m	13.0 m	10.4 m	6.5 m	5.2 m	4.6 m	3.9 m	2.6 m	2.3 m	2.0 m	1.7 m
40%	16.2 m	12.0 m	9.6 m	6.0 m	4.8 m	4.2 m	3.6 m	2.4 m	2.1 m	1.8 m	1.6 m
45%	14.9 m	11.0 m	8.8 m	5.5 m	4.4 m	3.9 m	3.3 m	2.2 m	1.9 m	1.7 m	1.4 m
50%	13.5 m	10.0 m	8.0 m	5.0 m	4.0 m	3.5 m	3.0 m	2.0 m	1.8 m	1.5 m	1.3 m
55%	12.2 m	9.0 m	7.2 m	4.5 m	3.6 m	3.2 m	2.7 m	1.8 m	1.6 m	1.4 m	1.2 m
60%	10.8 m	8.0 m	6.4 m	4.0 m	3.2 m	2.8 m	2.4 m	1.6 m	1.4 m	1.2 m	1.0 m
65%	9.4 m	7.0 m	5.6 m	3.5 m	2.8 m	2.5 m	2.1 m	1.4 m	1.2 m	1.1 m	0.9 m
70%	8.1 m	6.0 m	4.8 m	3.0 m	2.4 m	2.1 m	1.8 m	1.2 m	1.1 m	0.9 m	0.8 m
75%	6.7 m	5.0 m	4.0 m	2.5 m	2.0 m	1.8 m	1.5 m	1.0 m	0.9 m	0.8 m	0.7 m
80%	5.4 m	4.0 m	3.2 m	2.0 m	1.6 m	1.4 m	1.2 m	0.8 m	0.7 m	0.6 m	0.5 m
85%	4.0 m	3.0 m	2.4 m	1.5 m	1.2 m	1.1 m	0.9 m	0.6 m	0.5 m	0.5 m	0.4 m
90%	2.7 m	2.0 m	1.6 m	1.0 m	0.8 m	0.7 m	0.6 m	0.4 m	0.4 m	0.3 m	0.3 m
95%	1.3 m	1.0 m	0.8 m	0.5 m	0.4 m	0.4 m	0.3 m	0.2 m	0.2 m	0.2 m	0.1 m
100%	0 m	0 m	0 m	0 m	0 m	0 m	0 m	0 m	0 m	0 m	0 m

PICOTE BRUSH COATING™ CERTIFIED INSTALLER TRAINING

TRAINING CENTRES:

- Phoenix, Arizona, **USA**
- Porvoo, **Finland**
- Sandhurst, England, **UK**

Picote Certified Installer Training for Picote Brush Coating™ is highly recommended to get the most out of your investment and provide the highest quality finished results.

For Picote Brush Coating™ Certified Installer Training you will receive a Picote ID Card for completion (UK only), which can be used for the tendering process and on site.

Certificates are awarded for all certification trainings.

Visit our website at www.picotegroup.com or contact us at **training@picotesolutions.com** to find out about course offerings, pricing, and scheduling.

10 YEAR WARRANTY*

When using the Picote Brush Coating™ System as an option for semi-structural pipe rehabilitation you are providing a solution that can last 30-50 years. When you successfully complete Picote Certified Installer Training you will be able to offer a 10 year warranty on the Picote Xpress Epoxy Resin when you meet the outlined criteria. This provides assurance for the end-user as well as an advantage when you tender for work.

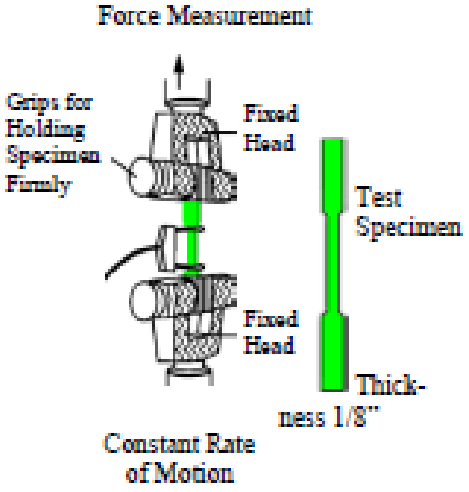
*Terms & conditions apply, ask for details.

TESTED PRODUCT: Picote Xpress Resin TESTS 1&2

A total of 4 tests were performed including:

1.Tensile Strength 2.Tensile Elongation 3.Flexural Modulus 4.Flexural Strength

TEST 1: ASTM D638-14 "Tensile Strength"



A piece of finished product, with a maximum thickness of .125-inches, is machined into a dog-bone shape. Each end of the test specimen is placed in opposite facing clamps which then attempt to pull it apart.

The PSI that it takes to break the specimen is calculated as **"Tensile Strength at the Break"**. The **"Tensile Elongation at the Break"** is an additional measurement that shows how much the product stretches during this test.The **"Tensile Modulus"** is a measure taken to test rigidity. All of these measurements make up the "Tensile Strength" test. The D638-14 test would simulate separating pipe joints and the effect that would have on the product in question.

TEST 1 RESULTS: Picote Xpress Resin Tensile Test

Test Method:	ASTM D638-14
Test Conditions:	23±2°C, 50±10% R.H.
Conditioning:	40+ hours, 23±2°C, 50±10% R.H.
Preparation:	Machined from sample sent by client
Specimen:	Type I tensile bars (2-inch gage length)
Cross Head Speed:	0.2-inches per minute

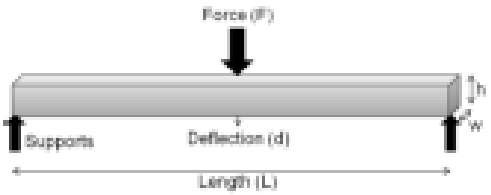
Sample	Replicate	Width (inches)	Thickness (inches)	Tensile Strength at Break (psi)	Tensile Elongation at Break (%)
Picote Xpress Resin					
		0.501 avg	**0.104 avg**	**3,727 PSI**	**5.4%**
Requirement				n/a	n/a

TESTED PRODUCT: Picote Xpress Resin — TESTS 3&4

A total of 4 tests were performed including:

1.Tensile Strength 2.Tensile Elongation 3.Flexural Modulus 4.Flexural Strength

TEST 3: D790-15e2 "Flexural Modulus"



This test is used to measure the horizontal strength of the material. Supports are placed under the sample at each end, and then a piston drives down at the center. The force to drive down and the amount of deflection are measured to come up with the specimen's **"Flexural Modulus".**

This test would simulate areas in a coated pipe that are being subjected to uneven stress.

TEST 3 RESULTS: Picote Xpress Resin Flexural Test

Test Method:	ASTM D790-15e2, Procedure A
Test Conditions:	23±2°C, 50±10% R.H.
Conditioning:	40+ hours, 23±2°C, 50±10% R.H.
Preparation:	Machined from sample sent by client
Support Span:	3.641 inches
Cross Head Speed:	0.090 inches per minute

Sample	Replicate	Width (inches)	Depth	Flexural Strength at Break (PSI)	Flexural Modulus (KSI)
Picote Xpress Resin					
	5	**0.525 average**	**.227 average**	**3,490**	**134,211**
Requirement					

ASTM LAB TESTING RESULTS

HTS Pipe Consultants, Inc.
420 Pickering Street, Houston, TX 77091
www.htspipeconsultants.com

Phone 713-692-8373
Fax 713-692-8502
Toll Free 1-800-692-TEST

November 2, 2023

HTS Report #:	**23-P-0626-01**	
Mr. Matt Peterson	Customer Project Name:	XPress
Quadex	Customer Project No.:	
564 W. 9320 South	Date Sample Received:	10/30/23
Sandy, UT 84070	Date Sample Tested:	11/02/23

One (1) plate sample was delivered to HTS' laboratory for testing. The sample was tested in accordance with ASTM D638 Type II and ASTM D790 Method I Procedure A. A Support Span-to-Depth Ratio of 16 to 1 was used as specified in the test standard ASTM D790. Thickness measurements, tensile strength, flexural stress, and flexural modulus of elasticity tests were performed on the sample. Five (5) specimens were cut and tested from the sample. The results summarized and reported below are averages of the five (5) specimens. A test report for the sample is attached.

SAMPLE ID	TENSILE STRENGTH (psi) ASTM D 638	TENSILE ELONGATION (%) ASTM D 638	FLEXURAL STRENGTH (psi) ASTM D 790	FLEXURAL MODULUS (psi) ASTM D 790
Xpress	3727	5.4	3490	134,211

The following table contains the thickness measurements for each individual specimen tested.

MEASUREMENT OF THICKNESS FOR CURED IN PLACE PIPE LINER ASTM D 2122										
									Combined Total Average/Specimen	
Sample ID	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	in	mm
Xpress	.238	.235	.218	.223	.238	.208	.233	.220	0.227	5.8

Technician	E. Carrillo
Time	2 hrs.

Sincerely,

Rick Eastwood
Vice President

This test report relates only to the items tested and shall not be reproduced except in full without approval of HTS, Inc.

23-P-0626-01-Q.Doc – Page 1 of 1

Serving the Pipe Rehabilitation Industry

ASTM LAB TESTING RESULTS

11/2/2023

TENSILE PROPERTIES OF PLASTIC
ASTM D638
TYPE II

INSTRON
BLUEHILL V4.24 (34TM-30)

OPERATOR NAME	EFRAIN C.
TEMPERATURE	71 F
HUMIDITY	50 %
Rate 1	0.20 in/min
SAMPLE ID	XPRESS

	WIDTH [in]	THICKNESS [in]	GUAGE LENGTH [in]	GRIP DISTANCE [in]
1	0.284	0.207	2.0	5.3
2	0.232	0.208	2.0	5.3
3	0.272	0.209	2.0	5.3
4	0.272	0.204	2.0	5.3
5	0.271	0.216	2.0	5.3

	TENSILE STRENGHT @ MAX [psi]	ELONGATION @ MAX [%]
1	3275	4.3
2	3843	5.4
3	3995	5.6
4	3249	4.3
5	4273	7.3
Mean	3727	5.4
Std. dev	451.53	1.22
Minimum	3249	4.3
Maximum	4273	7.3

F23P-0626-T1.is_tens

ASTM LAB TESTING RESULTS

Wednesday, November 01, 2023

FLEXURAL PROPERTIES OF PLASTICS
ASTM D790
3 POINT BEND

INSTRON CORPORATION
BLUEHILL V. 2.26 (#4411)

OPERATOR NAME:
DAVID P

TEMPERATURE (F) / HUMIDITY (%)
71 / 50

RATE (in/min)
.093

SAMPLE ID:

XPRESS

	WIDTH (in)	THICKNESS (in)	SUPPORT SPAN (in)
1	0.525	0.225	3.5
2	0.513	0.227	3.5
3	0.547	0.227	3.5
4	0.518	0.228	3.5
5	0.524	0.229	3.5

	STRAIN @ MAX (in/in)	MAXIMUM LOAD (lbf)	FLEXURAL STRENGTH (psi)	FLEXURAL MODULUS (psi)
1	0.0497	17.6	3475	137357
2	0.0499	17.8	3542	136848
3	0.0499	17.8	3311	128414
4	0.0498	18.9	3677	134598
5	0.0498	18.0	3442	133836
Mean	0.0498	18.0	3490	134211
Standard Deviation	0.0001	0.5	135	3562
Minimum	0.0497	17.6	3311	128414
Maximum	0.0499	18.9	3677	137357

F23P-0626-1.is_flex

HTS Pipe Consultants

CHEMICAL RESISTANCE

Chemical Soak Tests for the Xpress Resin System are currently in process.
We will update this document as soon as the results are available.
For additional information or questions, please contact Picote Solutions.

SDS SHEETS - XPRESS A, BASE WHITE & XPRESS B, CATALYST

Xpress Epoxy Base
(Part A)

Xpress Epoxy Catalyst
(Part B)