

**PRODUCT MANUFACTURER:**

LINE-X LLC  
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**GENERAL PRODUCT DESCRIPTION:**

LINE-X XS-152 is a two component, spray in place, flexible, 100% solids polyether, polyester epoxide polyurea. It is designed for processing through high pressure or impingement mix polyurethane dispensing equipment. LINE-X XS-152 is a fast cure, textured polymer matrix intended for use as a class rated polyurethane surface. It can also be combined with abrasive particles to form a flexible membrane with anti-skid qualities. LINE-X XS-152 exhibits excellent adhesion over a variety of substrates.

**APPLICATION GUIDELINES:**

Both the Iso “A” Side and Resin “B” Side should be preconditioned between 70-90°F before application. LINE-X XS-152 must be applied using high-pressure, plural component, heated, 1:1 by volume, spray equipment with 2000 PSI fluid pressure capability. LINE-X XS-152 material (both Iso “A” Side and Resin “B” Side) should be heated between 120-150°F. Spray equipment must generate adequate fluid pressure for proper mixing and best polymerization results.

**APPLICATION EQUIPMENT:**

LINE-X XS-152 is designed to be sprayed through high pressure impingement mixing equipment. Plural component spray equipment must have material heat control capability, 1:1 by volume, and sprayable with round or flat tip. Refer to equipment manufacturer for equipment specifics and accessories.

**EQUIPMENT SETTING PARAMETERS:**

Iso “A” and Polyol “B” components must be pumped by low-pressure transfer pumps to a suitable high-pressure proportional pumping system.

Temperature Settings

Iso “A” Block Heater:	140-160°F
Resin “B” Block Heater:	140-160°F
Hoses (Iso and Polyol):	130-150°F

Hydraulic Pressure Setting

Equipment Hydraulic Pressure:	2,000- 2,500 PSI
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**EQUIPMENT CLEAN-UP:**

Spray equipment should be cleaned immediately after use following equipment manufacturer’s recommended procedures. Please refer to spray equipment operating and maintenance procedures for further details. LINE-X XS-152 should be cleaned with environmentally safe urethane-grade cleaners. Cleaning materials must be free of reactive contaminants such as water and alcohol.

**MATERIAL STORAGE:**

Product must be re-agitated every three months.

LINE-X XS-152 has a shelf life of twelve months from manufacture date in factory sealed containers. LINE-X XS-152 has to be stored between 60-100°F. Do not expose unused materials to humid condition; always provide airtight resealed conditions to unused materials. With materials currently connected to the pump, provide as much airtight, moisture-free conditions to unused materials as possible to ensure proper chemical performance. Drums should be stored on a pallet to avoid direct contact with warehouse floor/ground.

**SAFETY AND HANDLING:**

Please refer to SDS for safety and handling of this material. All personnel working with this material are expected to read and understand all safety recommendations per SDS. All Personal Protection Equipment must be properly worn to comply with worker health and safety requirements.

**CHEMICAL TECHNICAL DATA:**

Mix Ratio by Volume:	1A:1B
Gel Time:	10-12 Sec
Viscosity (cPs) @ 77°F.	
A Iso Side:	760±100
B Resin Side:	1700±200
Material Density (lbs/gal) @ 77°F.	
A Iso Side:	9.67 lbs/gal
B Resin Side:	9.58 lbs/gal

**BASIC PHYSICAL PROPERTIES:**

<u>Test Name</u>	<u>Test Methods</u>	<u>Value</u>
Hardness Shore D	ASTM D2240	43
Elongation	ASTM D412	134%
Taber Abrasion (mg Loss/1000 cycles)	ASTM D4060	16.5
Tear Strength	ASTM D624	309 lbs/in
Tensile Strength	ASTM D412	1940 PSI
Impact	ASTM D2794	280 in-lbs
Fire Rating	ASTM E84	Class A-60 mils



### **PRODUCT USER RESPONSIBILITIES:**

Users of LINE-X XS-152 product are responsible for reading the general guidelines, product data sheets, specifications and material safety data sheets (SDS) before using these materials. Printed technical data and instructions are subject to change without notice. For additional information, or for current technical data instructions, contact a LINE-X representative or visit [www.LINE-X.com](http://www.LINE-X.com).

### **PRODUCT DISCLAIMER:**

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation. User assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and LINE-X makes no claim that these tests or any other tests accurately represent all environments.

