



PRODUCT MANUFACTURER

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GENERAL PRODUCT DESCRIPTION

LINE-X XS-670 is a two-component, high performance aliphatic polyurea spray elastomer system with zero VOCs (Volatile Organic Compounds), and 100% solids. LINE-X XS-670 offers outstanding UV (ultraviolet) protection with well superior elastomeric properties. LINE-X XS-670 is designed as a user-friendly product and offers exceptional adhesion properties for properly prepared substrates.

APPLICATION GUIDELINES

Both the Iso "A" Side and Resin "B" Side should be preconditioned between 70°F to 90°F (21°C to 32°C) before application. LINE-X XS-670 must be applied using high-pressure, plural component, heated, 1:1 by volume, spray equipment with 1,800 psi fluid pressure capability. LINE-X XS-670 material (both Iso "A" Side and Resin "B" Side) should be heated between 140°F to 160°F (60°C to 71°C). Spray equipment must generate adequate fluid pressure for proper mixing and best polymerization results.

APPLICATION EQUIPMENT

LINE-X XS-670 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°F - 160°F
Resin "B" Block Heater:	140°F - 160°F
Hoses (Iso and Polyol):	140°F - 160°F

Hydraulic Pressure Setting

Equipment Hydraulic Pressure: 1,800 - 2,200 psi

EQUIPMENT CLEAN UP

Spray equipment should be cleaned immediately after use and users should follow the equipment manufacturer's recommended procedures. Please refer to the spray equipment operating and maintenance procedures for further details. XS-670 should be cleaned with environmentally safe urethane-grade cleaners. Cleaning materials must be free of reactive contaminants, such as water and alcohol. All gun cleaners and spray equipment cleaning materials must be used and disposed under permitted local rules and regulations.

MATERIAL STORAGE

XS-670 has a shelf life of twelve (12) months from manufacture date in factory sealed containers. LINE-X XS-670 should be stored between 60°F to 100°F (16°C to 38°C). Do not expose unused materials to high humidity conditions. Always provide airtight reseal conditions to unused materials. For materials that are currently connected to the pumps, always provide as much airtight and moisture free conditions to unused materials as possible to ensure proper chemical performance. Drums should be stored on pallets to avoid direct contact with the warehouse floor/ground.

SAFETY AND HANDLING

Please refer to Safety Data Sheets (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

Conditions: 77°F and 50% Rel. Humidity	
Mix Ratio by Volume	1A:1B
Gel Time (sec.)	12 to 14
Tack Free Time (sec.)	30 to 45
Density "A" Side (lbs/gal)	9.3
Density "B" Side (lbs/gal)	8.4
Viscosity "A" Side (cP)	350 ± 150
Viscosity "B" Side (cP)	320 ± 50

BASIC PHYSICAL PROPERTIES

Test Name	Test Method	Value
Density (lbs/ft³)		51 ± 1
Elongation (%)	ASTM D412	197
Hardness Shore A	ASTM D2240	70 ± 2
Taber Abrasion (mg loss/1000 cycles)	ASTM D4060	47
Tear Strength (pli)	ASTM D624	168
Tensile Strength (psi)	ASTM D412	1700

LIMITATIONS

The chemical resistance chart should be consulted prior to application. Application-specific processing parameters such as temperature, operating pressure and moisture sensitivity of the substrate must be considered before installing XS-670 coating systems. Contact your LINE-X representative before use.

PRODUCT USER RESPONSIBILITIES

Users of LINE-X XS-670 product are responsible for reading the general guidelines, product data sheets, specifications and Safety Data Sheets (SDS) before using this material. Printed technical data and instructions are subject to change without notices. Contact your local LINE-X representative or visit our website www.LINE-X.com for current technical data instructions.

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 that 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.