

Vixen Horns VXA1545

Vixen Horns VXA1545 Hydraulic/Pneumatic Liquid Thread Sealant

User Manual

1. INTRODUCTION

This manual provides detailed instructions for the proper use and application of the Vixen Horns VXA1545 Hydraulic/Pneumatic Liquid Thread Sealant. This product is designed for sealing threaded connections in hydraulic and pneumatic systems, ensuring a leak-free and durable bond. Please read all instructions carefully before use.

2. SAFETY INFORMATION

WARNING: Read and understand all safety data sheets (SDS) before use. Keep out of reach of children. Use in a well-ventilated area. Avoid contact with skin and eyes. In case of contact, rinse immediately with plenty of water and seek medical advice. Do not ingest.

- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Store in a cool, dry place away from direct sunlight and heat sources.
- Dispose of product and packaging in accordance with local regulations.

3. PRODUCT FEATURES

- **Color:** Purple
- **Net Volume:** 0.34 FL OZ (10ml)
- **Pressure Resistance:** Up to 5000 PSI
- **Temperature Range:** -65°F to 300°F (-54°C to 149°C)
- Designed for easy assembly and removal of components.

4. SETUP AND PREPARATION

1. **Clean Surfaces:** Ensure all threaded parts are clean, dry, and free from oil, grease, dirt, and old sealant. Use a suitable cleaner if necessary.
2. **Inspect Threads:** Check threads for any damage or burrs that could prevent a proper seal. Repair or replace damaged components.
3. **Shake Bottle:** Shake the sealant bottle well before use to ensure proper mixing of components.



Image 1: Vixen Horns VXA1545 Liquid Thread Sealant bottle. The bottle is red with a white cap, labeled 'High Pressure Thread Sealant' for pneumatic and hydraulic fittings.

5. OPERATING INSTRUCTIONS (APPLICATION)

1. **Apply Sealant:** Apply a continuous bead of Vixen Horns VXA1545 sealant to the leading threads of the male pipe fitting, leaving the first thread free. Ensure the sealant fills the root of the threads.
2. **Assemble Parts:** Immediately assemble the threaded components. Tighten to the recommended torque specifications for the specific fittings being used.
3. **Wipe Excess:** Wipe away any excess sealant from the exterior of the joint immediately after assembly.



Image 2: Vixen Horns VXA1545 Liquid Thread Sealant bottle with the white cap removed, showing the purple sealant at the applicator tip.

6. CURING TIME

The Vixen Horns VXA1545 sealant begins to cure upon contact with metal surfaces in the absence of air. Full cure strength is typically achieved within 24 hours at room temperature (72°F / 22°C). Allow sufficient time for curing before applying full operating pressure to the system. Curing time may be extended in colder temperatures.

7. MAINTENANCE AND STORAGE

- **Storage:** Store the sealant in its original container in a cool, dry, and well-ventilated area between 46°F and 82°F (8°C and 28°C).
- **Shelf Life:** Refer to the product packaging for specific shelf life information.
- **Container Integrity:** Keep the container tightly closed when not in use to prevent air exposure and premature curing.

8. TROUBLESHOOTING

- **Leakage After Application:**
 - Ensure threads were thoroughly cleaned and dry before application.
 - Verify sufficient sealant was applied to cover all engaged threads.
 - Allow adequate curing time (at least 24 hours) before pressurizing the system.
 - Check for damaged threads that may prevent a proper seal.
- **Slow Curing:**
 - Colder temperatures can significantly slow down the curing process. Ensure application is done at room temperature or allow extended curing time.
 - Ensure the sealant is in contact with metal surfaces and air is excluded from the joint for proper anaerobic curing.

9. SPECIFICATIONS

Attribute	Detail
Item Model Number	VXA1545
Product Dimensions	9 x 7 x 1 inches; 1.6 ounces
Material	Polymer-based
Item Weight	0.1 Pounds
Manufacturer	Vixen Horns

10. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Vixen Horns VXA1545 Liquid Thread Sealant, please refer to the official Vixen Horns website or contact their customer service directly. Specific warranty details are not provided in this manual.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question