



Troubleshooting Common Issues with Krexofan Heat Soluble Thread

Introduction

Krexofan Heat Soluble Thread is a valuable tool in the garment manufacturing industry, particularly when used as a bobbin thread. It offers efficiency and precision in various applications, but like any specialized product, users may encounter issues during its use. This guide provides solutions to common problems associated with Krexofan Heat Soluble Thread to help you achieve the best results in your sewing and manufacturing processes.

1. Thread Breaking During Sewing

- **Possible Causes:**
 - **Incorrect Tension:** Excessive tension on the bobbin thread can cause it to break during sewing.
 - **Needle Size or Type:** While Krexofan is a bobbin thread, the needle used can still impact its performance.
 - **Thread Quality:** Exposure to moisture or improper storage may weaken the thread.
- **Solutions:**
 - **Adjust Bobbin Tension:** Check and adjust the bobbin tension on your sewing machine. The tension should be balanced to avoid putting unnecessary stress on the thread.
 - **Use the Correct Needle:** Ensure that the needle size and type are appropriate for the fabric and the overall sewing process, as it can indirectly affect the bobbin thread's performance.
 - **Proper Storage:** Store the thread in a cool, dry place, as recommended, to maintain its strength and integrity.



2. Thread Not Dissolving Completely

- **Possible Causes:**
 - **Insufficient Heat:** The thread may not dissolve if the temperature applied is too low.
 - **Inconsistent Heat Application:** Uneven heat application can result in incomplete dissolution of the thread.
 - **Thread Contamination:** Contaminants like oil, dirt, or moisture can affect the thread's ability to dissolve.
- **Solutions:**
 - **Increase Heat:** Ensure that the heat source (iron, steam press, etc.) is at the recommended temperature (typically between 70°C to 100°C, depending on the thread specifications) and apply heat evenly across the stitched area.
 - **Check for Contamination:** Handle the thread with clean hands or gloves to prevent contamination. Ensure that the sewing area and tools are clean and free from substances that could interfere with the thread's solubility.

3. Thread Melting During Sewing

- **Possible Causes:**
 - **High Needle Temperature:** Even though Krexofan is used as a bobbin thread, a hot needle can cause issues if the fabric or needle overheats and transfers heat to the bobbin area.
 - **Incorrect Sewing Speed:** Excessive sewing speed can generate more heat, which may affect the bobbin thread.
- **Solutions:**
 - **Monitor Sewing Speed:** Reduce the sewing speed to prevent the needle from overheating, which could indirectly cause heat transfer to the bobbin area.
 - **Use Krexofan as Bobbin Thread Only:** Always ensure that Krexofan is used only as a bobbin thread. The needle thread should be a standard thread that can withstand the heat generated during sewing.



4. Thread Residue After Dissolving

- **Possible Causes:**
 - **Incomplete Dissolution:** If the thread is not fully dissolved, it may leave a residue.
 - **Improper Heat Application:** Applying heat too quickly or inconsistently may not allow the thread to dissolve completely.
- **Solutions:**
 - **Ensure Complete Heat Application:** Apply heat gradually and ensure that the entire area where the thread is used receives sufficient heat. Repeat the heating process if necessary to ensure complete dissolution.
 - **Test Before Use:** Before applying to large projects, conduct a test on a sample fabric to ensure the heat source and application method are effective.

5. Difficulty in Winding the Bobbin

- **Possible Causes:**
 - **Thread Tension During Winding:** The thread may be wound too tightly or loosely, causing issues during sewing.
 - **Bobbin Winder Settings:** The bobbin winder may not be calibrated correctly for Krexofan Heat Soluble Thread.
- **Solutions:**
 - **Adjust Tension During Winding:** Ensure the thread is wound evenly on the bobbin with the correct tension. It should neither be too tight nor too loose to avoid problems during sewing.
 - **Calibrate Bobbin Winder:** Check your bobbin winder settings and adjust as necessary to accommodate the specific characteristics of Krexofan Heat Soluble Thread.



6. Importance of Sample Trials Before Bulk Production

- **Recommendation:**

- **Conduct Sample Trials:** Before moving on to bulk production, it is essential to perform sample trials. This ensures that the combination of Krexofan Heat Soluble Thread, the fabric used, and the heat application method works perfectly together. By doing this, you can avoid potential issues during large-scale production and ensure consistent, high-quality results.

Conclusion

Krexofan Heat Soluble Thread offers numerous benefits in garment manufacturing when used as a bobbin thread, but understanding and addressing potential issues is key to achieving optimal results. By following these troubleshooting tips and conducting sample trials before bulk production, you can effectively overcome common challenges and make the most of this innovative product in your sewing projects.