

THERMOLACE HDE INSTALLATION INSTRUCTIONS

1. Overview

ThermoLace with Heavy-Duty Edge (HDE) provides a mechanical splice for thermoplastic belts. HDE reinforces belt edges for high-tension applications.

2. Tools Required

- ☐ ThermoLace installation tool
- ☐ Belt cutting knife
- ☐ Measuring tape and marker
- ☐ Hole punch (if required)
- ☐ Torque wrench

3. Belt Preparation

1. Square-cut both belt ends — 90° to belt edges
2. Mark splice centerline on both ends
3. Measure belt thickness — verify splice compatibility
4. If belt has reinforcement cords, expose 20mm at splice area
5. Clean splice area — remove all contaminants

4. HDE Installation

1. Insert ThermoLace pin through belt end — center on belt width
2. Position HDE reinforcing strips along belt edges
3. Secure HDE strips with retaining pins through belt edge
4. Trim any excess lace material flush with belt edge
5. Repeat for opposite belt end
6. Join splice halves — engage ThermoLace connector
7. Verify splice articulates freely through drive and idler sprockets

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5. Post-Installation

- ☐ Splice sits flat — no bulging or gaps
- ☐ HDE strips fully secured — no movement
- ☐ Splice passes through sprockets smoothly
- ☐ No sharp edges that could damage product
- ☐ Belt tracking verified after 15 minutes unloaded operation

HDE BENEFITS

Heavy-Duty Edge prevents belt edge from stretching or tearing under high tension. Extends splice life by 2-3x in demanding applications.

THERMOLACE SUPPLY

Uniking Canada supplies ThermoLace kits and installation tools.