

# Martin® Belt Splice Patch Kit



**Martin® Belt Splice Patch Kit** is a quick-curing, two-component kit that forms a tough, resilient, low-shrinkage, watertight elastomer for the repair and reconstruction of many materials. It is suitable for applications indoors or outdoors, above and below ground.

**Use Martin® Belt Splice Patch Kits To:**

- Fix Holes, Tears, Cracks, and Gouges in Rubber or PVC Belting
- Restore Pulley Lagging
- Rebuild Cast Rubber Fixtures
- Patch Liners in Chutes, Tanks, and Pipes
- Cable Entry Sealing
- Cover Mechanical Fasteners in Belting
- Mend Urethane Screen Decks
- Repair Truck Bed Liners
- Replace Missing or Damaged Rubber

**IT ADHERES TO STEEL, CONCRETE, AND PLASTICS!**

- 1-Hour Fix:** Fast return to operation with 60-minute cure time.
- Easy Prep:** Wire brush the area; no solvent required (metal splice will need Adhesion Promoter).
- Simple to Use:** Pull pin, knead together, spread on.
- Convenient:** Side-by-side packaging for easy mixing.
- Safe:** Non toxic, non carcinogenic.

**ORDER INFORMATION**

| 150 Gram Kit (5.25 oz)                    | P/N         |
|---|-------------|
| 1 unit                                    | 36220-150   |
| 40 units                                  | 36220-15040 |
| <b>Adhesive Promoter 200 ml (6.75 oz)</b> | 36236       |

# TECHNICAL DATA SHEET

## SIMPLE TO APPLY



**1. Prepare Surface**  
Use wire brush or low-speed grinder.



**3. Apply to Surface**  
Cut corner and spread with brush, mixing stick, or tool. Pot life is approximately 10 minutes.



**2. Pull the Pin and Knead Components Together**  
All it takes is three minutes.



**4. Allow to Cure**  
Operating strength in 45 to 60 minutes at 77°F (25°C). Maximum strength and flexibility in 12 hours.\*

## TYPICAL CURED PROPERTIES

| Property            | Rating   | Importance  |
|---------------------|--|---|
| Hardness (24 Hours) | Shore A<br>60-63 Durometer                                       | Martin® Belt Splice Patch Kit Elastomer matches hardness of belting.  |
| Tensile Strength    | 435-580 psi (30-40 bar)<br>(DIN 53504)                           | Martin® Belt Splice Patch Kit Elastomer withstands stretching forces; it will not "pop" out as the belt wraps around pulleys. |
| Elongation          | 180 to 200%<br>(DIN 53504)                                       |   |
| Impact Resistance   | 684 ft-lb/ft <sup>2</sup> (10 KJ/m <sup>2</sup> )<br>(DIN 53453) | Martin® Belt Splice Patch Kit Elastomer withstands material impact in chutes and on belt surface.                             |
| Tear Resistance     | 575 psi (40 bar)   | Martin® Belt Splice Patch Kit Elastomer resists tearing forces (when pulled or snagged).                                      |
| Abrasion Resistance | 0.021 -- 0.027 in <sup>3</sup><br>(350-450 mm <sup>3</sup> )     | Martin® Belt Splice Patch Kit Elastomer provides long life in contact (DIN 53516) with abrasive material.                     |

\* Cure times vary with temperature

*Martin® Belt Splice Patch Kit adheres to most industrial surfaces, including natural and synthetic rubber, steel and metals, PVC, concrete, and most plastic. It is suitable for applications on vertical or horizontal surfaces. Use of Adhesive Promoter is recommended for best adhesion to steel (i.e. mechanical splices).*



**Martin Engineering USA**  
102 Christensen Road South  
Stapylton QLD 4207 - Australia  
+61 1300 627 364  
salesau@martin-eng.com | www.martin-eng.com.au

**COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001:2008 =**

**Problem Solved™ GUARANTEED!**

Form No. L3521-08/14  
© Martin Engineering Company 2000, 2014