



conveyor products

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## Nylon Composite Rolls: Overland Belt Coal Mine, Queensland



### Installation Details:

**Install Date:** April, 2013

**User:** Coal Mine,  
Queensland

**Description:** Overland  
Conveyor Belt

### Product Specification:

**Roll:** Nylon Composite

**Roll Specs:**  
Wing roll OD –178mm  
Centre Roll OD – 194mm

**Shaft Spec:** 40/45mm

**Bearing Spec:** 6308/6309

### Operating Specifications:

**Belt Construction:** Steel  
Cord ST1500

**Belt Width:** 1200mm.

**Capacity:** 2500tph.

**Belt Speed:** 4.6-6.2 m/s

### Project Description:

Composite rolls from Belle Banne Conveyor Products were installed in an attempt to reduce the amount of premature steel roll failures experienced on this system.

#### **Status:**

Rolls installed in 2013 are *still operational*, as of May 2015.