

## Challenge

### Issue

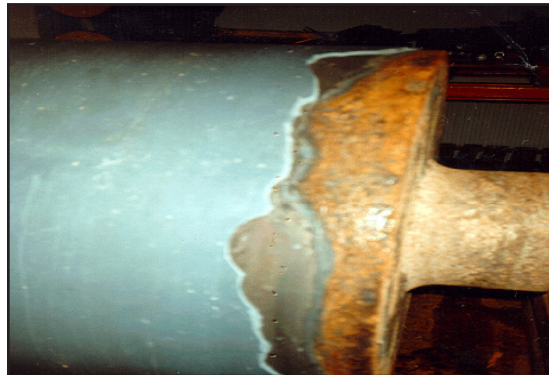
Area of rubber lining failure encroach into press section and damage paper mat as it passes over damaged section. Increased scrap costs are incurred and result in 1 week downtime for rubber repair.

### Goals

Reduce scrap cost and increase resistance to underfilm corrosion.

### Root Cause

Process fluid leaks into end caps causing underfilm corrosion at rubber lining interface leading to delamination.



Delamination cover plate transition

## Solution

### Preparation

- Undercut rubber to tightly adhered area
- Create beveled cut into adhered rubber
- Mechanically prepare exposed metal to Sa 2.5 with 3 mil (75 µm) profile

### Application

1. Install oversized platen on outer edge of roll coating internal face with release agent
2. Apply bead of **ARC 858** between platen and existing rubber to fill area of removed rubber
3. When cured, remove platen, grind **ARC 858** to RMS finish of 12



Surface prepared for ARC 858

## Results

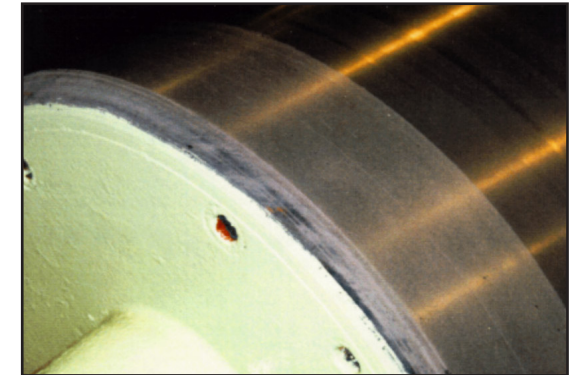
### Client Reported:

- Repair time reduced from 7 days to half day for ARC repair
- >48 months of operation without coating failure

### Client Estimated Savings:

- Elimination of scrap and associated downtime
- Savings per roll over 48 months **\$24K+**

\$=USD



Rebuilt and ground for production