

## Tri-nip Pickup Felt

REGION:	North America – Mid US	
MACHINE:	PM# XX	
POSITION:	Pickup	
GRADE:	Coated Freesheet	
BASIS WEIGHT:	12-28#/1300	46.4 – 53.8 gsm
SPEED:	3500 fpm	1067 m/min
PRESS LOAD:	400-500-3500 pli	

### OBJECTIVES:

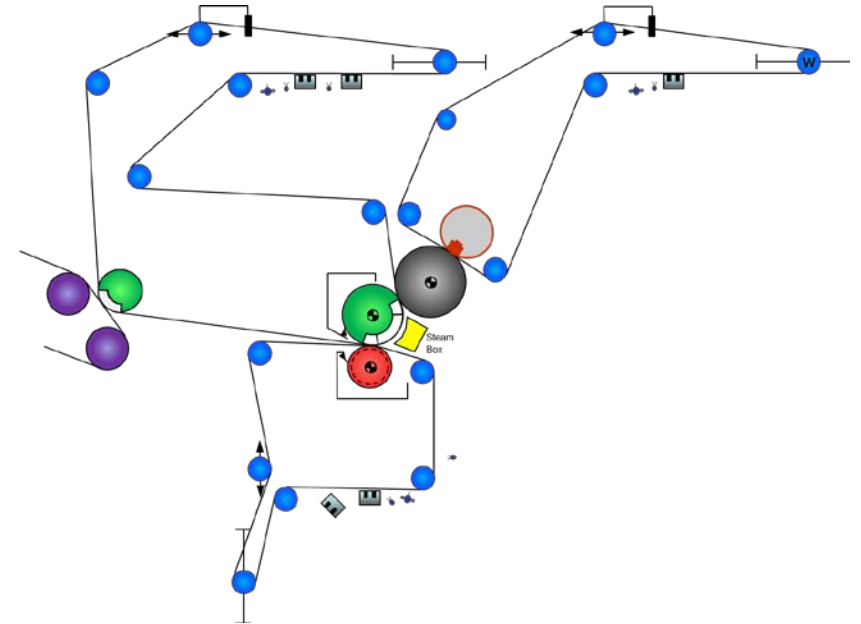
Improve machine performance – speed/drying. Standard felts are wearing out at the end of life and the mill sees a drop in PM performance.

Increase felt life from 35 days to 42-49 days

### RESULTS:

- Very good startup and break-in
- Excellent dimensional stability – very little change in length and width
- Increased dewatering – reduced steam consumption
- Excellent 2-sidedness numbers for the full felt life cycle
- Improved runnability the last 2 weeks of the felt life
- Initial trial felt scheduled off at 35 days.
- Low weight loss suggest that there is significant life remaining.
- Next felts have run 44 and 38 days.
- Trial FlexFlow 2 1<sup>st</sup> Bottom felt ordered to run with AccuFlow 2 Pickup

AccuFlow™ 2



### VALUE

Reduced annual clothing cost due to increase in Pickup felt life  
Eliminates 2-3 shutdowns/year.

Reduced energy cost due to increased dewatering.

Currently have to calendar the sheet the last 1-2 weeks of the Pickup felt life to get their 2-sidedness specification.  
Mill has to back off on 3<sup>rd</sup> press load in order to get the sheet bulk needed.  
By being able to maintain the press load, the mill can maintain machine speed and output right up to the end of the pickup felt life.

CASE STUDY

ASTENJOHNSON

