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Woven Wire Screencloth Problem Solving

Split screencloths are the most common cause of failure. The probable cause is metal fatigue brought about by allowing the wire to bend up and down numerous times. Screen wire is very resistant to wear but also very brittle so excessive movement can cause fatigue; cracks can develop and eventually break. Loose screencloths are the most common cause. Listed below are several reasons why they may be considered loose:

1. Not tightened properly
2. Not rechecked after installing
3. Insufficient or missing tension bolts/wedges
4. Screencloth too wide
5. Clamping bar bent or worn
6. One clamping bar used for two or more screencloths
7. Not enough camber for width
8. Worn stringer rubbers
9. Stringer bars bent or broken
10. Screencloth too narrow putting clamping bar at wrong angle
11. Screencloth overlapped incorrectly
12. Insufficient stringer bars
13. Cracked/broken frame or stringer bar
14. Clamping bar unable to pull down correctly
15. Screen box out of balance



**AEG Screen Box fitted
with AEG Stringer
Rubber, Screencloths,
Clamping Bars &
Wedge Bolts**

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