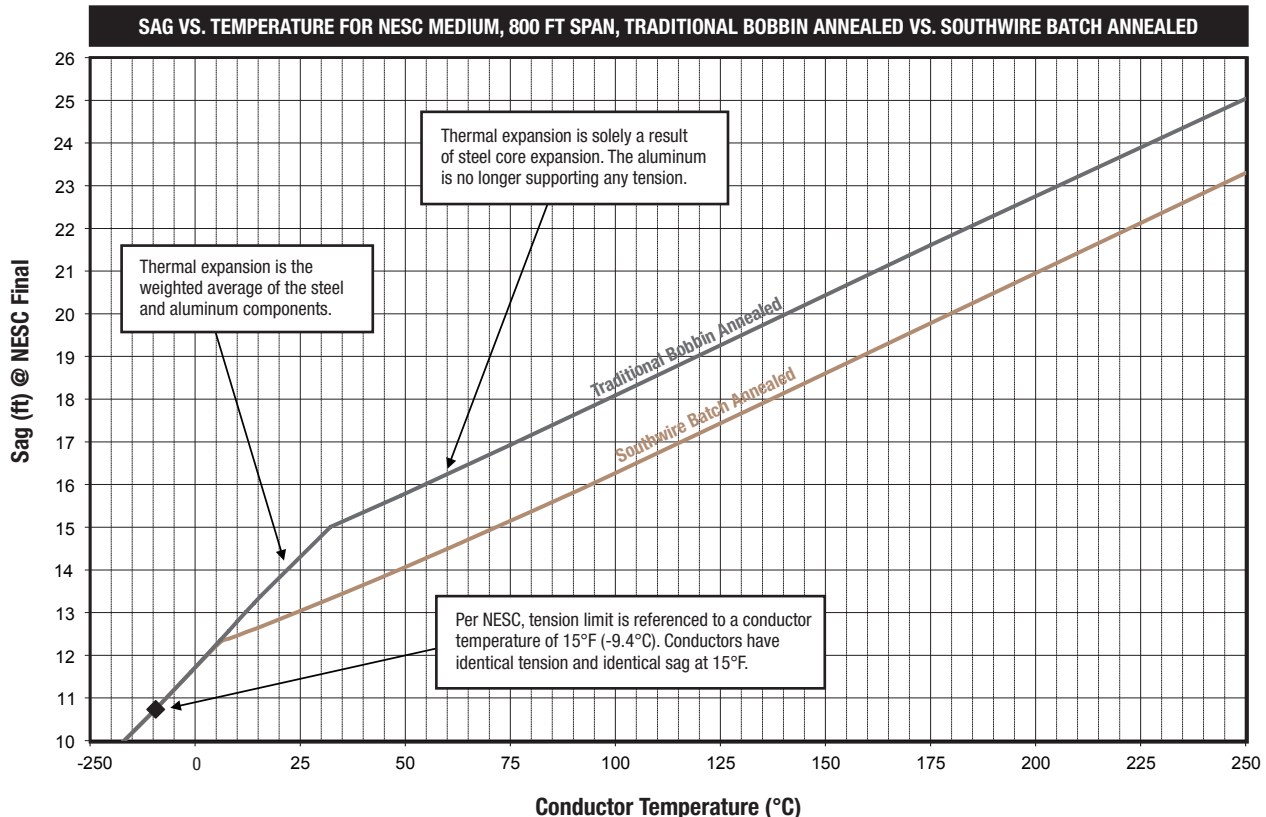


BATCH ANNEALING VS. BOBBIN ANNEALING

Southwire Batch Annealed ACSS/MA3 vs. Traditional Bobbin Annealed ACSS

BENEFIT	SOUTHWIRE BATCH ANNEALED ACSS	TRADITIONAL BOBBIN ANNEALED ACSS
Less Thermal Sag ¹	✓	
Better Self-Damping ²	✓	
Tighter Stranding ³	✓	
Post-manufacturing Measurements ⁴	✓	
Full-Range Data ⁵	✓	

1. On average, Southwire Batch Annealed ACSS has 10% less thermal sag than Traditional Bobbin Annealed ACSS
2. Better self-damping is a result of more complete annealing of aluminum strands
3. Southwire Batch Annealed ACSS uses ACSR strander settings. This tighter ACSS stranding helps reduce the chances of bird-caging or other installation issues
4. Tests on Southwire Batch Annealed ACSS measure steel core strand strength ratings after heat exposure. Tests on the Traditional Bobbin Annealed ACSS do not account for loss of strength as a result of in-service heat exposure
5. Southwire-Certified stress-strain data is available for all ACSS and ACSS/TW conductors



The chart above shows the sag difference depending on the manufacturing process.

The grey line indicates bobbin-annealed traditional process and the copper line indicates batch-annealed Southwire-process.