Batch Annealing vs. Bobbin Annealing

Southwire-Process ACSS/MA3 vs. Reynolds-Process ACSS/MA5

Benefit	Southwire-Process ACSS	Reynolds-Process ACSS
Less Thermal Sag[1]	✓	
Better Self-damping[2]	✓	
Tighter Stranding[3]	✓	
Post-manufacturing Measurements[4]	✓	
Full-range Data[5]	✓	

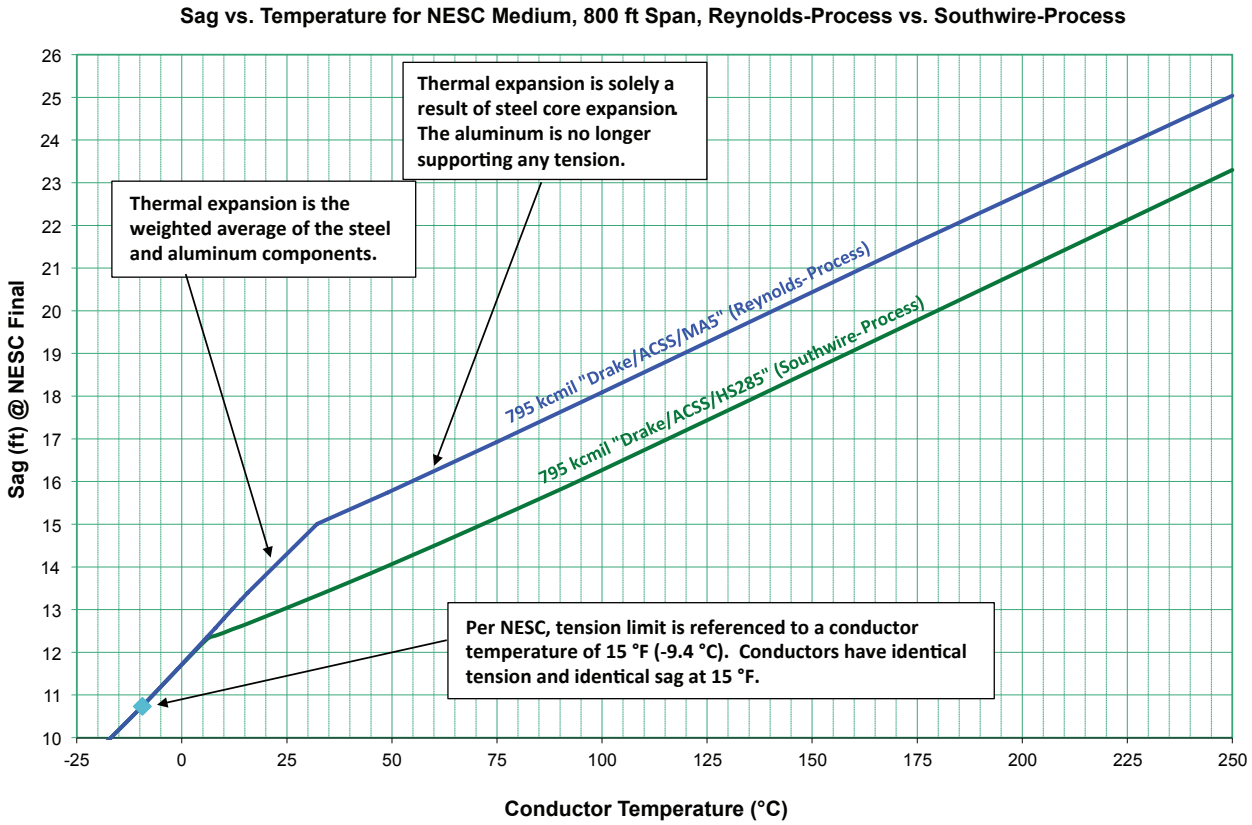
1. On average, Southwire-process ACSS has 10% less themal sag than Reynolds-process ACSS

2. Better self-damping is a result of more complete annealing of aluminum strands

3. Southwire-process ACSS uses ACSR strander settings. This tighter ACSS/HS285® stranding helps reduce the chances of bird-caging or other installation issues

4. Tests on Southwire-process ACSS measure steel core strand strength ratings after heat exposure. Tests on the Reynolds-process 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/HS285® conductors and ACSS/TW/HS285® conductors



The chart above shows the sag difference depending on the manufacturing process. The blue line indicates bobbin-annealed Reynolds-process and the green line indicates batch-annealed Southwire-process.

Southwire Company, LLC. • One Southwire Drive • Carrollton, GA 30119 • www.southwire.com • 866.777.5775