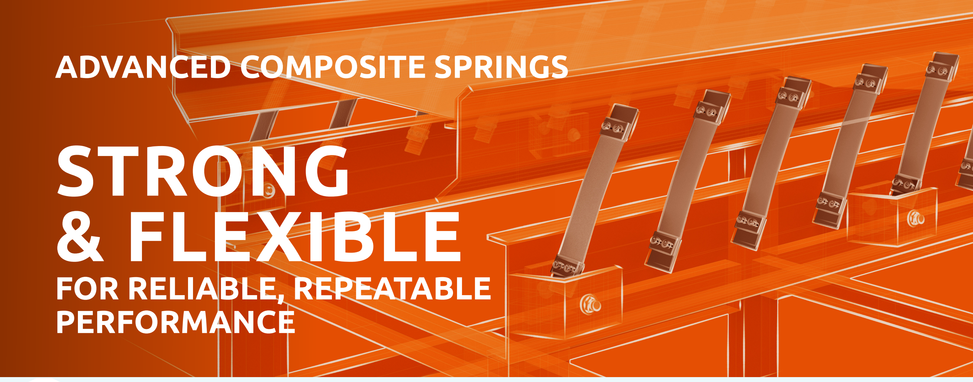
ADVANCED COMPOSITE SPRINGS

STRONG & FLEXIBLE

FOR RELIABLE, REPEATABLE PERFORMANCE



RAISE THE BAR on fatigue life and design flexibility with unidirectional thermoset composite springs for vibratory sorting and conveyors.

COMPOSITES VS. STEEL

70%
LIGHTER

- Composites are up to 70% lighter than steel.
- Composites resist corrosion; steel rusts easily unless it is painted or coated.

FLEX, RETURN, REPEAT

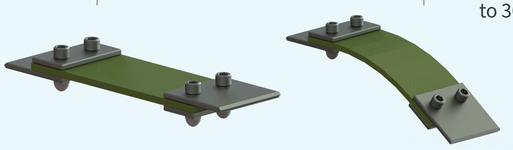
1.5+
MILLION CYCLES

Avient composite springs are tested to 1.5+ million cycles with no loss of spring rate.

TAKE THE HEAT

300°
FAHRENHEIT

Avient composite springs maintain performance levels even in high temperature applications up to 300°F.



WHAT'S SHAKING?

Sorting & conveying equipment applications include:

WHAT'S IN A NAME?

Vibratory springs are known by many names including **flippers, slats, springs, energizers, exciters, arms,** and **rocker plates**. Whatever they're called, composites can add long-lasting strength and flexibility for reliable, repeatable performance.

TRADITION OF EXCELLENCE

Based on the proven performance of Gordon Glass™, the material of choice in composite archery bow limbs since 1953, our thermoset composite springs deliver unmatched strength & deflection for the most demanding applications.

MADE IN THE USA

American-made quality and craftsmanship come standard in every spring. Avient's Gordon Composites™ materials are sourced from US suppliers and proudly manufactured in Montrose, Colorado.

Thermoset composite springs from Avient are engineered with proprietary vinyl ester or epoxy resins and unidirectional fiber reinforcement technologies. These formulations achieve long-lasting, consistent flexing performance in a variety of cantilevered applications.

To learn more, download our Composite Springs Product Selection & Installation Guide or **contact Avient at +1.844.4AVIENT** or visit **www.avient.com.**

AVIENT™