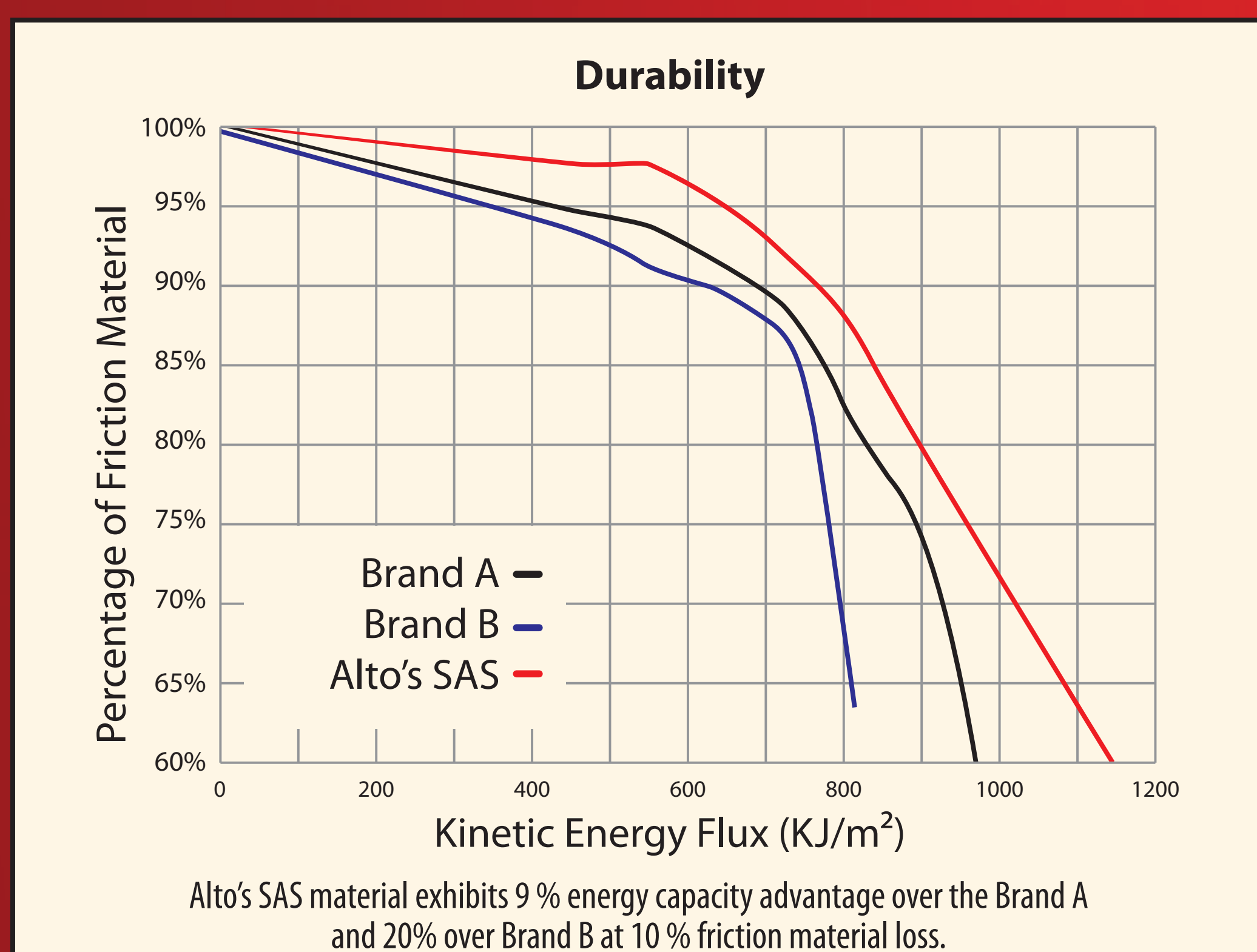
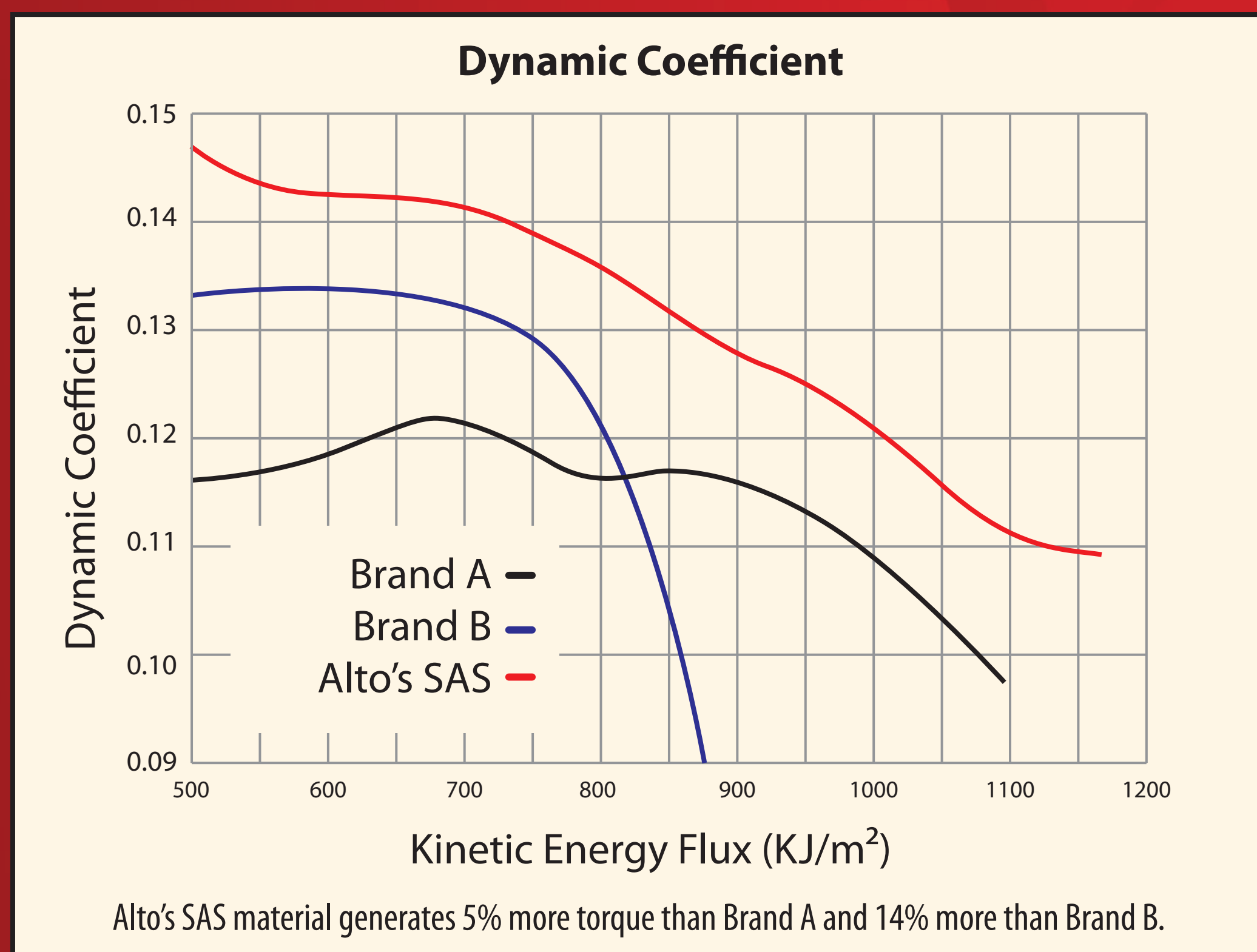
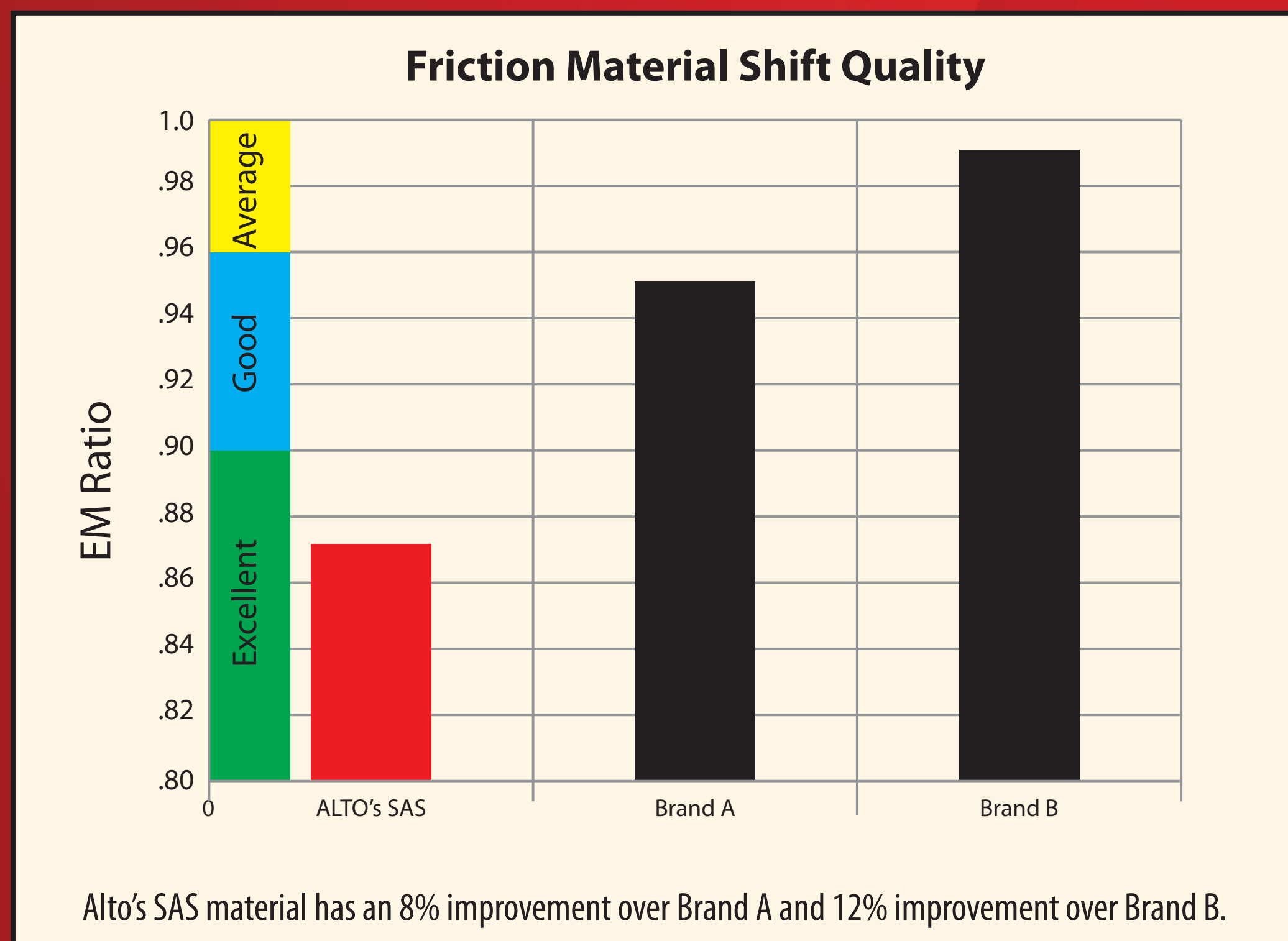


# SAS Friction

## Friction Technical Data



SAS® is a (non-asbestos) organic based friction material. SAS was mainly developed to eliminate: noise, vibration, and shutter/harshness. The low endpoint to midpoint ratio, coupled with Alto's grooving techniques and proprietary processing, the friction material can be tailored within a specific friction performance range found within the natural limits described in the friction properties section.

**Friction Rating:** Mid/High Energy Material

**Dimensions:** Available in Thickness varying 0.018" to 0.045". Custom Thickness also available.

### APPLICATIONS

The SAS® material has been successfully used in mid to high energy clutch applications:

#### Automotive

- Automatic Transmission
- Dynamic Shifting (Low, Moderate, High)

#### Industrial Equipment

- Brakes

