



### **Coefficient of Friction -- Static**

Static COF is a measure of the force required to overcome the friction between two surfaces. There are two measures of COF, Static and Kinetic. Static COF measures the force to start the movement, Kinetic COF measures the force required to keep the surfaces in motion.

We measure Static COF using a slide angle tester. It has a bed that lifts at an increasing angle until a sled starts to slide. The slide angle is used to determine the Static Coefficient of Friction.





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