

7. Mind Map: Static & Kinetic Friction



- This threshold (F_{max}) is why objects remain stationary even when a small force is applied.
- μ_s is the static coefficient of friction determined experimentally
- Magnitude depends on materials of surfaces in contact

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- This reduction in friction is why it is easier to keep an object moving once it has started
- Kinetic coefficient of friction μ_k is always less than μ_s

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