

# Product Performance Summary

## 050-0700 12mm Single Rotor Latch

### Cycle Test:

The 050-0700 12mm Single Rotor Latch meets cycle goal of 50,000 cycles, when cycled with a 45 lb (200N) simulated door seal load.

Release efforts at both inside and outside release locations were consistent throughout cycle life and remained < 8 lbf (35N)

*(Striker bolt load may vary depending on application, which may vary life of latch)*

### Tensile Load Test:

Latch meets load requirements of ES-162 'Strength Test of Non-Regulated Product' in transverse and longitudinal orientations, in both primary and secondary positions.

Requirements of ES-162 are:

Transverse primary >2000 lbs (8896N), transverse secondary >1000 (4448N).

Longitudinal primary >2500 lbs (11,120N), longitudinal secondary >1000 lbs (4448N).

*(Latch must be used with a TriMark approved striker bolt.)*



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