

# Product Performance Summary

## 080-0550, Downsized Grapple Compression Latch (full size version is 080-0500)

### Cycle Test:

The 080-0550 Downsized Grapple latch had minimal amount of wear seen after 20,000 cycles and the examples were cycle tested at 45 lbf (200N) door seal load. TriMark recommends a maximum door seal load of 45 lbf (200N).

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

### Tensile Load Test (Non-regulated Product):

When loaded in the transverse primary orientation, the latch will meet a maximum load of 1500 lbf (6672N).

### Corrosion:

Zinc plating will meet 120 hours of corrosion protection when tested per ASTM-B117 NSS.

*(TriMark recommends using a .315" - .375" (8.0-9.5mm) diameter striker with this latch)*

**Caution: Latch does not meet FMVSS 206 (ECE R11) load requirements.**

### NOTE:

The Product performance values shown are intended to be applied as a general guideline only, as specific applications and installation may affect the results. It is recommended that the Customer request a sample and conduct their own testing to determine the suitability of the Product for the intended purpose and specific application. Strength data is given as maximum loads at which the product is operable, however no safety factor has been applied.

Additional Testing information is available upon request.



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