

# Product Performance Summary

## 080-0500, Grapple Style Compression Latch (Short Jaw 75mm) - downsized version is 080-0550

### Cycle Test:

The 080-0500 latch had minimal amount of wear seen after 20,000 cycles and the examples were cycle tested at 45 lbf (200N) door seal load with a draw distance of 5mm. 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.



500 Bailey Avenue  
P.O. Box 350  
New Hampton, IA 50659  
United States  
Tel: +1 641-394-3188  
Fax: +1 641-394-2392  
1-800-447-0343  
www.trimarkcorp.com

TriMark Europe  
Cedar Court  
Walker Road  
Bardon Hill  
Coalville LE67 1TU  
United Kingdom  
Tel: +44(0)1530 512460  
Fax: +44(0)1530 512461  
www.trimarkeu.com