



Test Report

No.: 70.435.26.10521.01

Date: 2026-03-31

Applicant: ZHANGJIAGANG CITY XIANGLE TOOL CO., LTD
Address: NO. 18, ZHEN XING ROAD, YANGSHE TOWN, ZHANGJIAGANG CITY · JIANGSU PROVINCE · CHINA
Product Name: 25mm Flying Fish Retractable Ratchet Strap
Manufacturer: ZHANGJIAGANG CITY XIANGLE TOOL CO., LTD
Model No.: FY2501
Receipt Date of Sample: 2026-03-30
Date of Testing: 2026-03-30 to 2026-03-31
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item

1. According to the client's requirement
Based on EN 12195-2:2000 clause 5.3.2.1

Conclusion
See test result

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
Testing Center

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Description of Tested Subject:

Product Description	25mm Flying Fish Retractable Ratchet Strap
Photo	
 Sample as received	
 Test sample	



Test Result(s):

Clause	Requirement	Test Result	Conclusion				
5.3.2.1	<p>General</p> <p>A remaining tension of at least 0.1 LC and not more than 0.5 LC shall be generated in the web lashing after the standard hand force of 500 N has been applied to the handle of the tensioning device. The requirement of a remaining tension of at least 0.1 LC applies only for hand-operated tensioning devices, which are designed for frictional lashing to be used in web lashings with labeled STF.</p> <p>The seating of a tensioning device in contact with the webbing shall be well rounded, so that when tested in accordance with clause 6:</p> <ul style="list-style-type: none"> - There is no damage likely to affect safety to the area of textile webbing in contact with the tensioning device; - the tensioning device shows no sign of permanent deformation, cracks, flaws or other defects likely to affect safety when examined by a competent person. <p>If removable handcranks are used, they shall be secured against unintended detachment when loaded.</p> <p>The tensioning device (ratchets) shall require positive action to release the tension in the web lashing. The tensioning device shall take a minimum of 2 ¼ turns of textile webbing around the slotted pin.</p>	<p>The average remaining tension was recorded as following.</p> <table border="1"> <thead> <tr> <th></th> <th>Remaining tension</th> </tr> </thead> <tbody> <tr> <td>Sample</td> <td>2200N</td> </tr> </tbody> </table> <p>The hand force: 500N</p> <p>There was no damage likely to affect safety to the area of textile webbing in contact with the tensioning device and the tensioning device shows no sign of permanent deformation, cracks, flaws or other defects likely to affect safety.</p>		Remaining tension	Sample	2200N	-
	Remaining tension						
Sample	2200N						

-End of Test Report-