

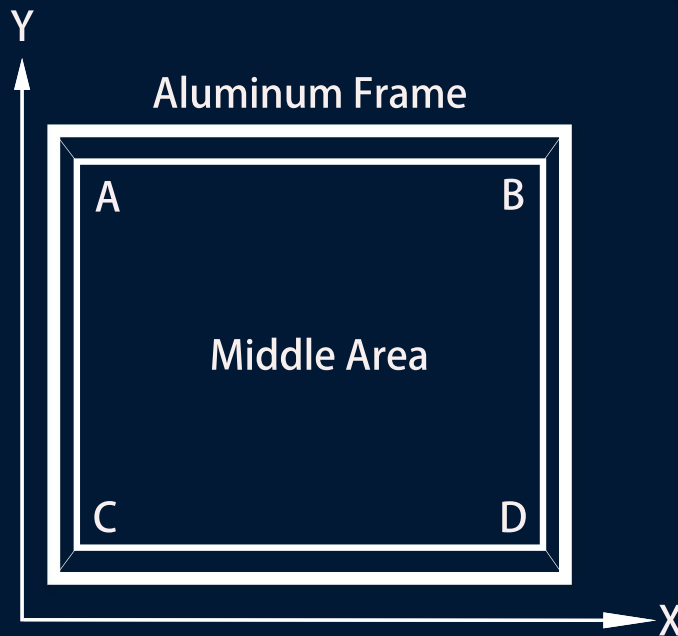
DOYAN ALUMINUM FRAME TENSION TEST

Overview

Our aluminum frames have been designed and produced to meet the highest requirements, which ensures our frames are characterized with torsion-free, corrosion-resistance and a very long service life. We have conducted a tension test of our aluminum frame. The test object is 29"×29" aluminum frame. According to customer's demand, aluminum tension must be 32 to 36N/mm². The specification of test object is presented at right. And to make this test accurate and objective, we randomly selected 100 pieces of aluminum frames and tested tension of each corner and middle part. After tension test, it is found that all aluminum frames are qualified from the perspectives of tension force, mesh bonded and distortion prevention. By showing this test report, we hope our customer can have a clear understanding of our aluminum frame quality. Here we list 10 results of our test.

Aluminum Specification

Frame size	29"×29"
Sectional Size	38mm×38mm
Wallthickness	2.0mm
Aluminum Material	6063T5
Resin Type	Polyester Mesh
Mesh Count	24T
Thread Diameter	140μm
Mesh Thickness	300μm
Glue	AB AICA



Sample Number	Corner A		Corner B		Corner C		Corner D		Middle Area		Mesh Bonde	Distortion Prevetion
	X	Y	X	Y	X	Y	X	Y	X	Y		
Sample 01	34	33	33	33.5	33.5	34	33.5	33	32	32	√	√
Sample 02	34	34	34	34	33.5	34	33.5	34	32	32	√	√
Sample 03	33	33.5	35	34	34.5	34	34	33.5	32.5	32	√	√
Sample 04	33.5	33	33.5	33	33	33	33.5	34	32.3	2.5	√	√
Sample 05	34	34	33.5	34	33	32.5	33	33.5	33	33.5	√	√
Sample 06	34	33.5	32	33.5	33	33.5	33	32.5	32.5	33	√	√
Sample 07	32.5	32.5	33	33	34.5	34.5	34	34	33	32.5	√	√
Sample 08	33	33	33	33	34	33.5	34	33.5	33.5	33	√	√
Sample 09	32	32.5	33	33.5	34.3	3.5	33.5	34	32.5	32.5	√	√
Sample 10	33	33	33	33	34	33.5	34	33.5	33.5	33	√	√

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