

carbitesx



CARBITEX  
AFX PLATES  
STIFF ONE WAY.  
FLEXIBLE THE  
OTHER.  
NO COMPROMISE.  
FEEL THE  
PERFORMANCE.

# AFX

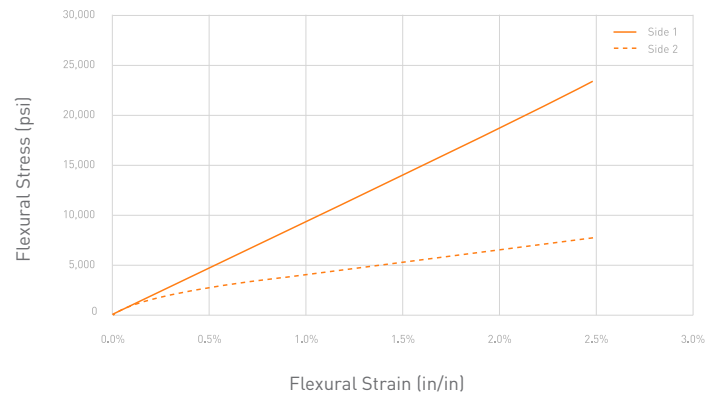


AFX WORKS WITH THE FOOT, NOT AGAINST IT:

The human foot is asymmetric - it bends more one way than the other. AFX plates are asymmetrically flexible, just like the foot. No compromise. AFX carbon fiber plates provide a high-level of stability and protection without limiting forefoot flexibility to increase performance and reduce fatigue in a wide range of applications like cleated sports, outdoor, winter sports, and cycling.

## MATERIAL SPECIFICATIONS

THICKNESS	AFX RATIO	LOW RIGIDITY	HIGH RIGIDITY
1.3 mm	5	57 Ncm <sup>2</sup> [2 Lb•in <sup>2</sup> ]	287 Ncm <sup>2</sup> [10 Lb•in <sup>2</sup> ]
1.6 mm	4.6	201 Ncm <sup>2</sup> [7 Lb•in <sup>2</sup> ]	919 Ncm <sup>2</sup> [32 Lb•in <sup>2</sup> ]
2.1 mm	7.8	287 Ncm <sup>2</sup> [10 Lb•in <sup>2</sup> ]	2239 Ncm <sup>2</sup> [78 Lb•in <sup>2</sup> ]



## FUNCTION



### PLANTAR STIFFNESS & FOREFOOT FLEXIBILITY

Prevents the foot from over flexing without limiting forefoot flexibility.



### STABILITY & FLEXIBILITY

Provides a high-level of stability and protection without limiting forefoot flexibility.



### POWER INCREASE

Prevent the foot from bending in the opposite direction of your forward motion enabling more energy into your step.



### AUGMENTING FOOT PERFORMANCE

Works with the foot to enhance its natural movement.

