




























2020 Traction and Flexion Scores: Adidas

SPEED	 adizero 9.0	 adizero 9.0 Plate: Sprintframe 2.0 Traction: 56% Flexion: 47	adizero 9.0 Scorch *Not Tested	adizero 9.0 RFS *Not Tested	<p>How to Use These Scores</p> <ul style="list-style-type: none"> The traction score is based on the cleat pattern's release characteristics on laboratory tests with synthetic turf. Traction scores are not given for detachable cleats because they are not recommended for use on synthetic turf. The flexion score is based on the bending stiffness and peak force generated by the forefoot when flexed to a potentially injurious level. While these scores have not been correlated with on-field injury rates, a higher score is considered better laboratory performance in both tests.
	 adizero 9.0 Primeknit	 adizero 9.0 PK Plate: Sprintframe 2.0 Traction: 56% Flexion: 42	adizero 9.0 PK RFS  Plate: Razorframe Speed Wide Traction: 68% Flexion: 86		
	 Freak	 Freak Carbon 20 Plate: Freak Traction: 50% Flexion: 54	Freak Mid RFS  Plate: Razorframe Speed Wide Traction: 68% Flexion: 79		
	 Freak Ultra	 Freak Ultra 20 Plate: Freak Traction: 50% Flexion: 40			
HYBRID	 Nasty	 Nasty 20 Plate: Razorframe Speed Wide Traction: 68% Flexion: 61	Nasty Fly 2E 20  Plate: Fly Wide Traction: 68% Flexion: 72	Nasty Fly 4E *Not Tested	Nasty Torsion 2E *Not Tested

2020 Traction and Flexion Scores: Nike

						<p><u>How to Use These Scores</u></p> <ul style="list-style-type: none"> The traction score is based on the cleat pattern's release characteristics on laboratory tests with synthetic turf. Traction scores are not given for detachable cleats because they are not recommended for use on synthetic turf. The flexion score is based on the bending stiffness and peak force generated by the forefoot when flexed to a potentially injurious level. While these scores have not been correlated with on-field injury rates, a higher score is considered better laboratory performance in both tests.
SPEED	 Vapor Edge Elite	 Plate: Vapor Edge Traction: 100% Flexion: 52	 Plate: Vapor Edge Traction: 100% Flexion: 52	 Plate: Vapor Edge Detach Flexion: 56		
	 Vapor Edge Pro	 Plate: Vapor Edge Traction: 100% Flexion: 59	 Plate: Vapor Edge Wide Traction: 100% Flexion: 53	 Plate: Vapor Edge Detach Flexion: 61		
	 Vapor Edge Speed	 Plate: Vapor Edge Traction: 100% Flexion: 63	 Plate: Vapor Edge Wide Traction: 100% Flexion: 71	 Plate: Vapor Edge Detach Flexion: 55		
HYBRID	 Alpha Menace Pro	 Plate: Menace Traction: 35% Flexion: 63	 Plate: Menace Wide Traction: 50% Flexion: 56	 Plate: Alpha Detach Flexion: 58		
	 Alpha Menace Elite	 Plate: Menace Traction: 35% Flexion: 58	 Plate: Menace Wide Traction: 50% Flexion: 63	 Plate: Alpha Detach Flexion: 56		
POWER	 Force Savage Pro	 Plate: Savage 2 Traction: 45% Flexion: 42	 Plate: Shark Wide Traction: 53% Flexion: 75	 Plate: Shark Wide Traction: 53% Flexion: 78	 Plate: Strike Detach Flexion: 64	
	 Force Savage Elite	 Plate: Savage 2 Traction: 45% Flexion: 41	 Plate: Shark Wide Traction: 53% Flexion: 85	 Plate: Strike Detach Flexion: 89		

2020 Traction and Flexion Scores: Under Armour

SPEED	 Spotlight	Team Spotlight MC 20  Plate: Spotlight Lux Traction: 84% Flexion: 71	Team Spotlight N MC 20  Plate: Nitro Traction: 80% Flexion: 80	Team Spotlight N W MC 20  Plate: Nitro Wide Traction: 93% Flexion: 81	Team Spotlight D 20 *Not Tested		
	 Spotlight Select	Team Spotlight Select MC  Plate: Nitro Traction: 80% Flexion: 77	Team Spotlight Select W MC *Not Tested	Team Spotlight Select Spine MC *Not Tested	Team Spotlight Select D *Not Tested	Team Spotlight Select W D *Not Tested	
	 Highlight	Team Highlight MC  Plate: Highlight 2 Traction: 35% Flexion: 82	Team Highlight Spine MC *Not Tested	Team Highlight D *Not Tested	Team Highlight W D *Not Tested		
	 Blur Lux	Team Blur Lux MC  Plate: Speedform Traction: 43% Flexion: 46	Team Blur Lux N MC *Not Tested	Team Blur Lux D *Not Tested	<p style="text-align: center;">How to Use These Scores</p> <ul style="list-style-type: none"> The traction score is based on the cleat pattern's release characteristics on laboratory tests with synthetic turf. Traction scores are not given for detachable cleats because they are not recommended for use on synthetic turf. The flexion score is based on the bending stiffness and peak force generated by the forefoot when flexed to a potentially injurious level. While these scores have not been correlated with on-field injury rates, a higher score is considered better laboratory performance in both tests. 		
	 Clone Blur	Team Clone Blur MC  Plate: Spotlight 2 Traction: 30% Flexion: 83					
POWER	 Brawler	Team Spine Brawler MC *Not Tested	Team Spine Brawler MC W *Not Tested	Team Brawler D COM W *Not Tested			
	 Hammer	Team Spine Hammer MC *Not Tested	Team Spine Hammer MC W *Not Tested	Team Hammer MR W *Not Tested	Team Hammer D COM W *Not Tested	Team Hammer ATV *Not Tested	