

Comparison of Test Lines

The test line is drawn on a helmet to mark the lowest limit where a lab technician can impact the helmet. The distances are above the reference plane, a line drawn around the headform at the ear level. Lower numbers are better, indicating that the test line is closer to the reference plane and the helmet must have more coverage.

Comparison of Test Lines for J Headform (Medium)

All distances in millimeters above Reference Plane

| Standard | Front | Middle | Rear | Notes |
|-----------------------|-------------|-----------|-----------|-------------------------|
| CPSC Bicycle | 41 | 41 | 27 | Rear same for all sizes |
| F 1045 Hockey | 50.5 | | | |
| F 1163 Equestrian | 37 | 12 | -13 | Same all sizes |
| F 1447 Bicycle | 41 | 41 | 25 | Rear 27 for size O |
| F 1492 Skate | 50.5 | 50.5 | -8 | |
| F 1849 Short Track | 50 | 25 | 0 | |
| F 1898 Infant-Toddler | 32 | 12.7 | -16 | E Headform |
| F 1952 Downhill MBR | 50.5 | 25 | 0 | |
| F 2032 BMX Bike 2006 | 41 | 25 | 0 | |
| F 2040 Snow | 50 | 25 | 0 | Center same all sizes |
| F 2416 EPAMD | 50.5 | 50.5 | -8 | |
| F 2530 Bull Riding | 37 | 12.7 | -13 | Same all sizes |
| Snell B-90A Bicycle | 41 | 41 | 28 | |
| Snell B-95 Bicycle | 40.5 | 20.5 | 20.5 | |
| Dutch eBike | 38.5 | 12.7 | 0 | |

Comparison of Test Lines for M Headform (Large)

All distances in millimeters above Reference Plane

| Standard | Front | Middle | Rear | Notes |
|-----------------------------|-----------|--------|------|-------------------------|
| CPSC Bicycle | 41 | 41 | 27 | Rear same for all sizes |
| F 1163 Equestrian | 37 | 12 | -13 | Same all sizes |
| F 1447 Bicycle | 41 | 41 | 27 | Rear 27 for size O |
| F 1492 Skate | 52 | 52 | -8 | |
| F 1849 Short Track | 52 | 26 | 0 | |
| F 1898 Infant-Toddler | 32 | 12.7 | -16 | E Headform |
| F 1952 Downhill Mtn Bk Rac. | 52 | 27 | 0 | |
| F 2032 BMX Bike 2006 | 41 | 27 | 0 | |
| F 2040 Snow | 52 | 25 | 0 | Center same all sizes |
| F 2416 EPAMD | 52 | 52 | -8 | |
| F 2530 Bull Riding | 37 | 12.7 | -13 | Same all sizes |
| Snell B-90A Bicycle | 41 | 41 | 28 | |
| Snell B-95 Bicycle | 41.2 | 20.2 | 20.2 | |
| Dutch eBike | 38.5 | 12.7 | 0 | |