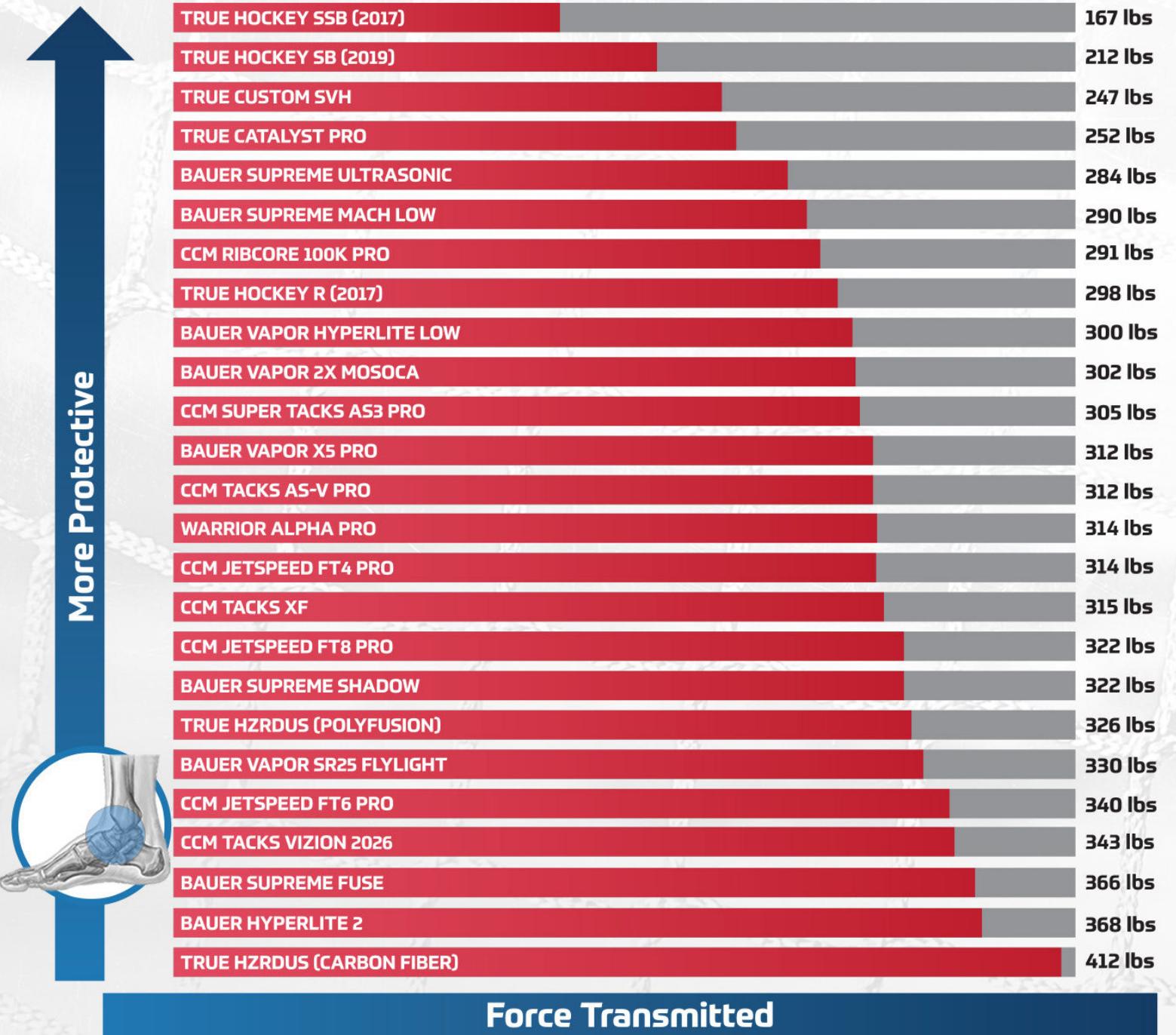




SKATE TESTING

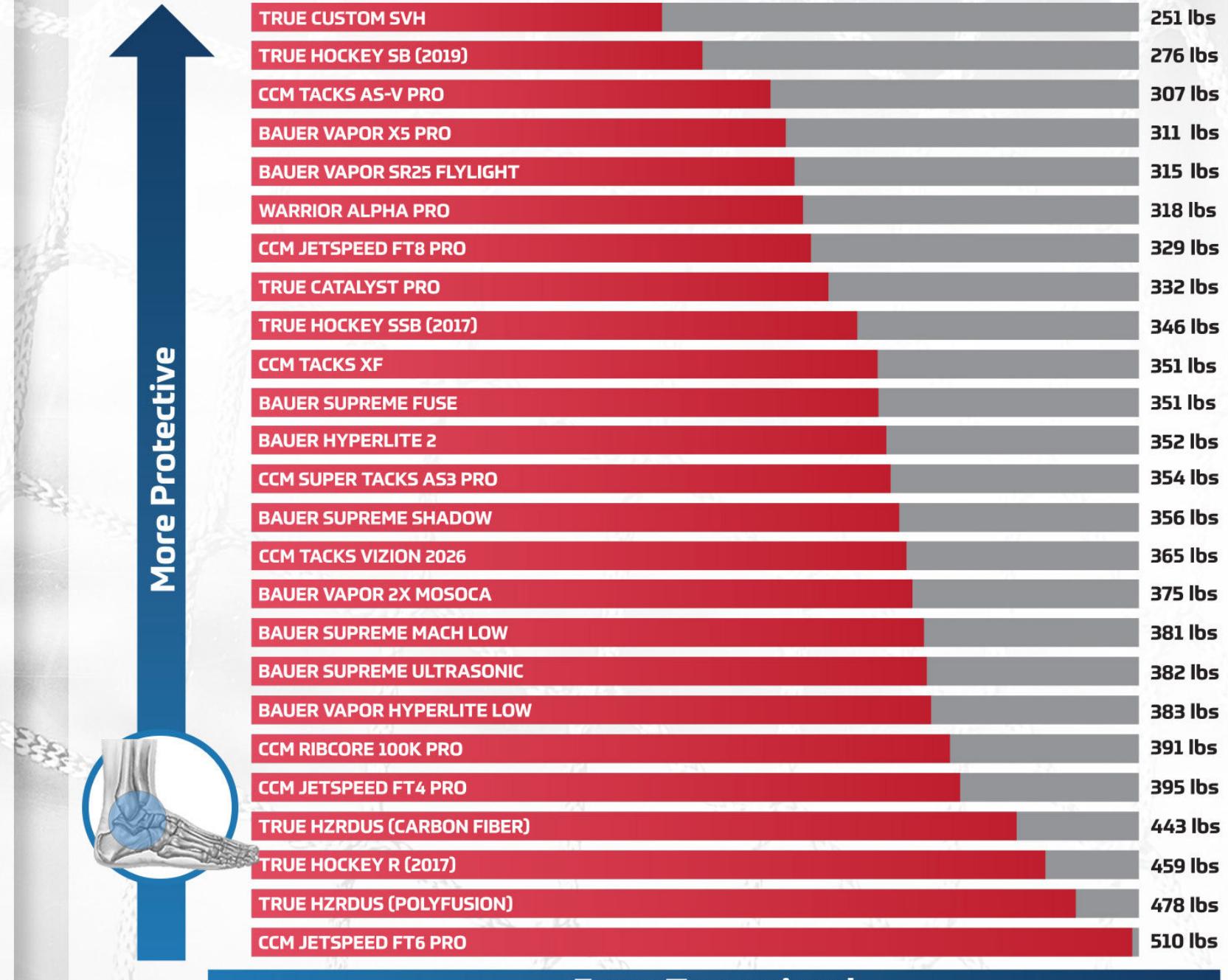


PUCK IMPACT TESTING INSIDE OF FOOT & ANKLE



Force Transmitted

PUCK IMPACT TESTING OUTSIDE OF FOOT & ANKLE



Force Transmitted

ABOUT THE TESTING: The NHL, in collaboration with the NHLPA, engaged biomechanical engineers to conduct laboratory testing on the most frequently worn skates to determine forces transferred through the skates on the medial (inside) and lateral (outside) aspects of the foot & ankle during direct frozen puck impacts under controlled laboratory conditions. The puck impacts were localized anterior and inferior to the malleoli (see images above). (Controlled laboratory testing did not allow for impacts closer to the front of the foot). Perpendicular puck impact testing was conducted to be reflective of puck impacts during game play of 85 mph, 100 mph and 120 mph. The puck impact testing results represent data combined across the three velocities tested. Penetration resistance testing, while no longer shown graphically on the poster, is still being conducted by ARCCA. For this test, the skates were mounted in a mechanical test fixture and the stiffness of the skates was quantified by measuring the force, in pounds, required for a puck to displace the skate by one inch. For more information related to penetration resistance testing and how each skate model performed, please contact the NHL.

The NHL and the NHLPA relied on the engineers to develop the testing methodology and have not confirmed the data produced by the testing. These test results are presented for informational purposes only, to allow Players to compare the relative performance of the skates. The results do not measure or predict injury risk and do not necessarily reflect how the tested skates will perform in use, as there may be other considerations associated with injury or on-ice performance that were not part of the testing protocol. In addition, other factors may be important in Player selection of protective equipment, such as position, style of play and injury history, as well as equipment fit and performance. Players, in consultation with Club personnel, shall make independent decisions regarding equipment selection. Neither the NHL nor the NHLPA assume responsibility for Player equipment choices. The NHL and NHLPA do not endorse or recommend any one particular skate tested over another; rather we look to continue to educate NHL Players and NHL Clubs and engage in constructive discussions with equipment suppliers in an effort to improve safety and performance. If you are interested in wearing a skate that does not appear on the poster, please check with your equipment managers. Players are not permitted to wear a skate that is not on the Cleared For Use List.

(December, 2025)