



IN-Pulse AFO Prescription Matrix

At MHT we have conducted rigorous testing of our proprietary Pre-Preg carbon AFO (**the IN-Pulse**) to design an easy to use and accurate prescription matrix.

To develop this new matrix we measured the moment force required to cause a deflection angle of 10° dorsiflexion in the posterior strut, equating this force to the average peak dorsiflexion moment (Nm/kg) from a healthy patient of ages 23-44 during gait at walking speed between 1.3-1.5 m/s.

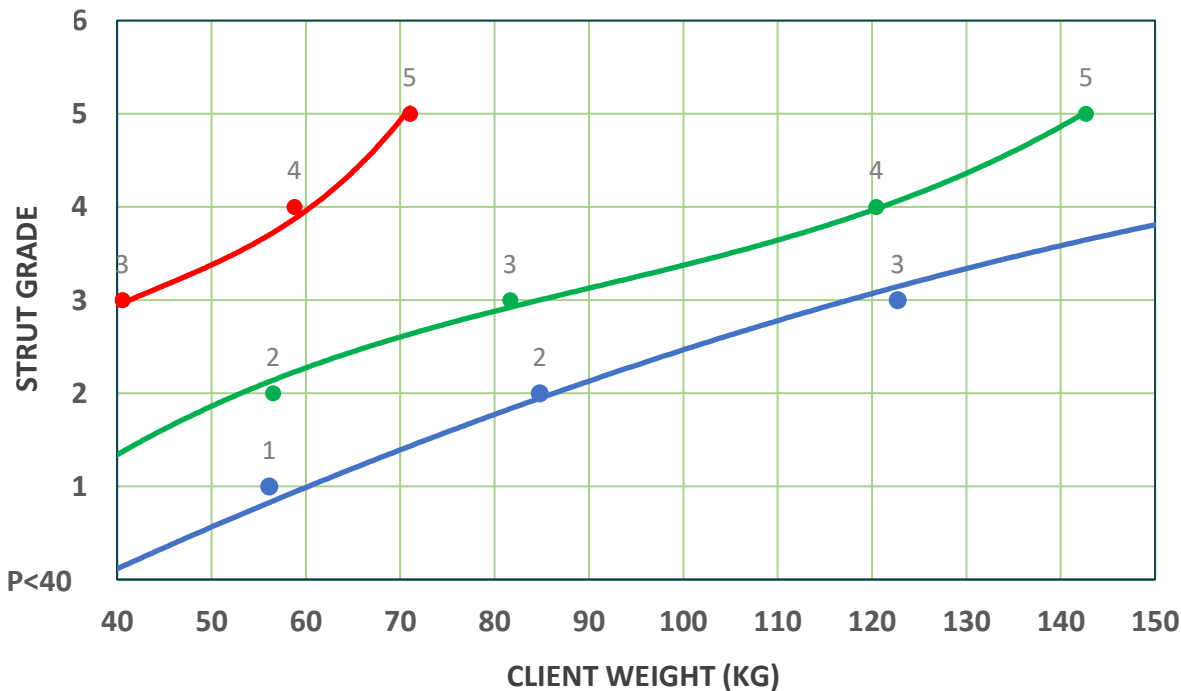


IN-Pulse AFO Strut Grades: P, 1, 2, 3, 4, 5

- The centre line of the matrix (green) represents the recommended grade to weight for standard gait (moderate activity). For a softer strut, select a lower grade (lower activity – closer to the blue line). For increased stiffness, select a higher grade (higher activity – closer to the red line).
- Our P grade strut is recommended for paediatric patients weighing less than 40kg aiming for a flexible, low activity AFO

IN-PULSE CARBON FIBRE AFO PRESCRIPTION MATRIX

● Low Activity ● Moderate activity ● High Activity



STRUT GRADES
P
1
2
3
4
5

Ask Momentum about Pre-Preg Carbon O&P devices today!