

Core Compression (Side-to-Side Flat Crush)

Core compression measures the side-to-side crush resistance of composite tubes and cores by compressing them to failure according to CCTI test method T108. Prior to testing, measurements are recorded of the core diameter, wall thickness and core length. The cores are then placed into a compression tester and crushed at a rate of 2.5 inches per minute. The maximum load is determined when the load becomes constant, or falls off by 5%. The maximum load is divided by the core length and the crushing strength is reported in lb/inch.

