Parafil® Type G, Kevlar 49 core fibres, 15 tonne and 22.5 tonne, synthetic cable bridge support stays, used for the world’s first all-plastic footbridge spans the River Tay in Scotland, providing golfers with a link between the two halves of the Aberfeldy course. Although designed for pedestrian use, the load specification of 1 tonne/metre length is close to that of a road bridge.

The structure relies for its integrity on Parafil® cable stays which provide support for the 63 metres main span. Load is distributed via the two 17.5 metres high A frames. The total weight of the structure is close to 22 tonnes and the overall length is 113 metres with a deck width of 2.23 metres. Deck, A frames and hand rails are manufactured from pultruded composite materials.