A belt for suspending and/or driving an elevator car extending longitudinally along a length of the belt. An inner belt layer formed from a first material is bonded to the plurality of tension elements at a first side of the belt. The inner belt layer forms an inner belt surface interactive with a traction sheave of an elevator system. An outer belt layer formed from a second material is bonded to the plurality of tension elements at a second side of the belt. The plurality of tension elements are located between the first side and the second side.