Raychem SCL is a semi-rigid heat-shrinkable tubing with a meltable inner wall, designed to provide one-step moisture proof encapsulation of a wide variety of electrical parts including wire splices, breakouts and electronic components. Manufactured from radiation cross-linked polyolefins, SCL has an inner wall which melts when heated and is forced into the crevices and interstices by the shrinking action of the outer tubing. When cooled the entire mass becomes a rigid, tough, homogeneous covering with a controlled wall thickness. SCL shrinks to between 17% and 40% of its supplied diameter according to size and therefore few sizes are required to cover a range of irregular shapes with widely varying dimensions.

Unaffected by most solvents and chemicals and non-corrosive in contact with electrical joints, SCL also has a high dielectrical strength.