

GalvaLok ties have the same basic design as many other HellermannTyton Nylon ties. The number in the product code gives an indication of the length of the tie. The head is designed to minimise the insertion force and maximise the locking force, and the edges of the strap are designed to be smooth so as not to injure the user or damage the wires being bundled. GalvaLok ties are ideal for bundling cables and fixing them to chassis, panels and walls. The head has "wings" on both sides. When the clip is inserted into a panel etc. these supporting wings are pushed out, fixing the tie firmly in place, giving it added stability after it has been installed. Why are GalvaLok ties a necessity? The following environments where galvanised steel paneling is used as building material, for example in solar panel mountings and roofing can be harsh, exposing cable ties to the effects of corrosive chemicals, such as Sodium Chloride and Calcium Chloride: Coastal areas (high concentrations of sea water in the atmosphere); Areas with significant snow fall (where snow-melting chemicals are used); Industrial areas (higher atmospheric concentrations of sulphuric gases). Ties, which are made of nylon 66 have a low resistance to these chemicals and may break due to a process known as chemical cracking. GalvaLok ties are made using nylon 11, which when compared to nylon 66 has relatively high resistance to corrosive chemicals such as Sodium Chloride and Calcium Chloride.

