

DATASHEET: CLY 583 CAB-X Arc Flash Belt

The Clydesdale Arc Belt (CAB) is constructed from a high quality Black, Meta-Aramid webbing with woven in retro-reflective silver / grey stripes to aid visibility.

The key design requirements for the closure on the belt were that it had to be arc and flame resistant as well as being non metallic and non conductive. Experiments showed the best performance against these criteria came from a fluoroelastomer material called FKM. We use a double ring system in this FKM material to create a safe and reliable closure.

The webbing is cut and formed with a triple-folded ended to minimise fraying and the belt is then assembled using a Meta-Aramid thread.

Testing was conducted on the belt fitted to a mannequin wearing our NOAH clothing exposed to an enclosed arc as specified in EN61482-1-2, Class 2 (7kA, 0.5s, 300mm).

The belt easily passed, worked reliably after the arc flash and no after flame or melting was found.

Note: The belt is not a piece of protective equipment, it is complimentary to our arc flash PPE range. Its purpose is for the user's comfort and convenience. We have tested it to ensure it does not compromise the performance of our arc flash system or the user's safety should an arc occur but we are not able to CE mark according to the PPE directive as the belt has no protective purpose of its own.



PART NUMBERING – CLY 583 CAB-x		
Size Code (x)	S	L
WAIST	28 - 38" (71cm - 96cm)	38 - 50" (96cm – 127cm)