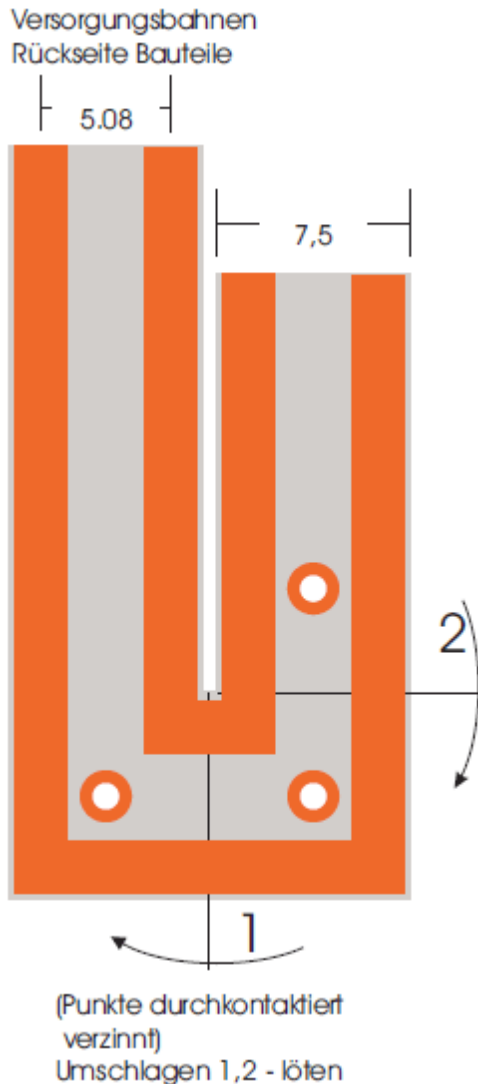


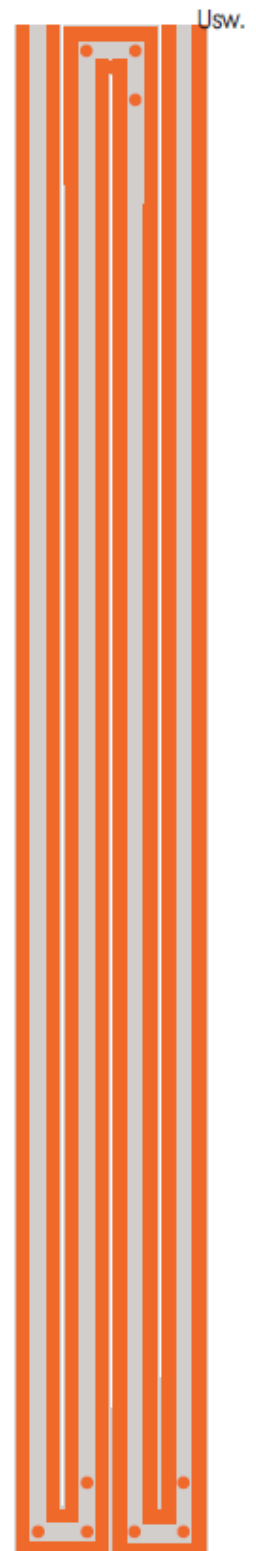
Flexible printed circuits with excess length

A common problem for flexible circuits is restrictions in length, due to certain manufacturing requirements. Depending on the FPC manufacturer, the maximum length for standard FPC are around 500mm. A smart way to overcome these restrictions without having to pay a premium price for reel-to-reel FPC is to design a "FPC-snake".



Here the FPC will need 3 solder pads and drills on which they will later be fixed. Alternatively, double-sided 3M adhesive can be pre-fixed by us. After cutting the FPC it can be folded and connected by soldering or gluing.

Depending on the design an excess length of several meters can be reached in this way. In the example shown a total length of 10m was accomplished.



For further information about the excess length technique please contact us.