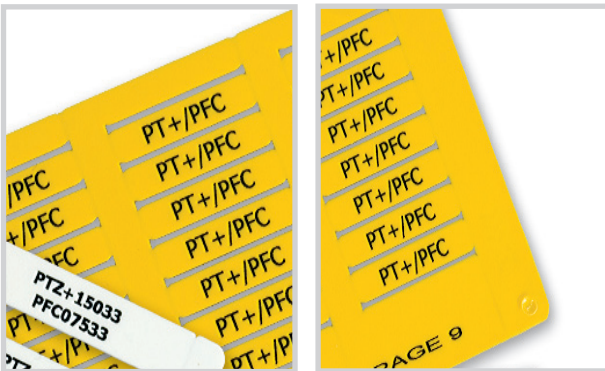**PARTEX**
MARKING SYSTEMS

# PFC-CARDS

## CABLE-, WIRE- AND COMPONENT MARKING SYSTEM

- X-CARD is marking system in credit card format with easily detachable marker tags.

- Can be mounted in holders before or after connection of wire or cable. Certain card types directly mounted with cable ties.

- The cards are designated PFC and manufactured in halogen free ABS material.

- The PFC cards are printable with high volume production in printer MK3 also with colour printouts in international colour code.

- Produced on site with customized marking information and project information directly on the cards for easy sorting and random picking when mounted.

Advanced colour printout enables print in international colour code with various colour backgrounds and text colours and could be used for cable-, wire- and component marking.

### Packaging
Delivered in cartons 25 cards per packaging. Can also be delivered ready printed from Partex as a fully customized M2 solution with fast deliveries.

### Temperature range
For ABS and PA11 shape permanence from 30°C to +60° (−22°F to +140°F).
Storing temperature +20°C (+68°F).
For adhesive labels properties are defined at room temperature +22°C (72°F).
Temperature resistance in +149°C (300°F) for 24 hours and in −40°C (−40°F) for 3 days.
Humidity resistance 24 hours at 38°C (−40°C) and 100% relative humidity.

### Resistance
The products are tested according to Partex Product Test Program SP2671 by the Swedish Test and Research Institute. Following applies to PFC:

- Resistance to UV radiation (corresponding to 1 year outdoors in south of Sweden).
- Chemical resistance fulfills SP2671.
- For the adhesive label variants material is UL recognized and CSA accepted.

For applications in hostile environments, please contact Partex for more information.

## GENERAL INFORMATION

### Design
The PFC cards are injection moulded and have the credit card size 54 x 86 mm. Different marker tag sizes depending on marking application easily detachable from card to be used with Partex different transparent holder systems type PT+, PTZ+, PTC, PTM, PM and PS.

Also included are card variants with adhesive labels for component marking, cable marker tags for direct mounting with cable ties and marker tags for standard push button marking on control panels.

### Material
ABS or halogen free flame retardant PA11 Polyamid. For labels face stock is a 51 micron gloss radiant polyester with an Acrylic 20 micron adhesive. The liner is a densified kraft 81 micron.

### Colours
White or yellow are standard.
For other colours, please contact Partex.

### Printing equipment
Partex thermo transfer printer MK3 together with WinSign software forms a complete production system.
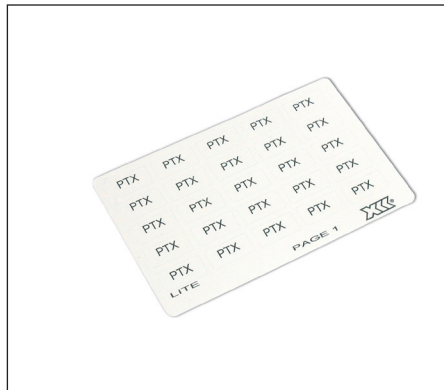
## SIZES AND PACKAGING

| X-Card Article number | Marking application description | Marker tag / label Length x Height mm (inch) | Qty per card | Qty per box | X-Card material | Suitable partex holder system |
|---|---|---|---|---|---|---|
| PFC04212KA¤ | Marker tag - wire | 12 X 4.2 | 21 | 525 | ABS | PT+, PTZ+, PTC |
| PFC04215KA¤ | Marker tag - wire | 15 X 4.2 | 21 | 525 | ABS | PT+, PTZ+, PTC |
| PFC04218KA¤ | Marker tag - wire | 18 X 4.2 | 21 | 525 | ABS | PT+, PTZ+, PTM, PTC |
| PFC04221KA¤ | Marker tag - wire | 21 X 4.2 | 21 | 525 | ABS | PT+, PTZ+, PTM, PTC |
| PFC04230KA¤ | Marker tag - wire | 30 X 4.2 | 14 | 350 | ABS | PT+, PTZ+, PTM, PTC |
| PFC07533KA¤ | Marker tag - cable | 33 X 7.5 | 9 | 225 | ABS | PTZ+15/25/35 |
| PFC09518KA¤ | Marker tag - component / cable | 18 X 9.5 | 20 | 500 | ABS | PM24, PS20T |
| PFC09540KA¤ | Marker tag- cable marking | 40 X 9.5 | 8 | 200 | Polyamid / PA1 1 | Cable tie mounting |
| PFC09580KA¤ | Marker tag- cable marking | 80 X 9.5 | 4 | 100 | Polyamid / PA1 1 | Cable tie mounting |
| PFC07014KA¤ | Label - component / terminal | 14 X 7 (0.55 X 0.275) | 25 | 625 | Polyester | Direct marking |
| PFC12726KA¤ | Label - component / terminal | 12.7 X 25.4 (0.5 X 1.0) | 9 | 225 | Polyester | Direct marking |
| PFC45080KA¤ | Label - component / terminal | 45 X 80 ( 1.77 X 3.15) | 1 | 25 | Polyester | Direct marking |
| PFC15027KA¤ | Marker tag for push buttons | 15 X 26 (0.590 X 1.023) | 9 | 225 | Polished PVC | Direct marking |

¤=Card colour 4=yellow, 9=white.

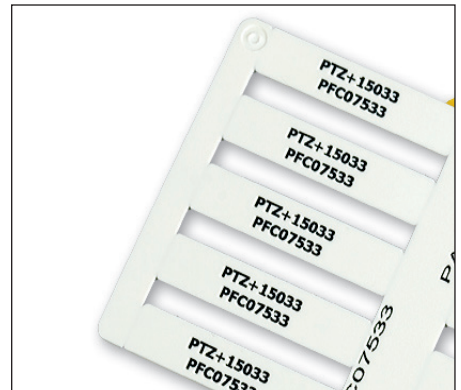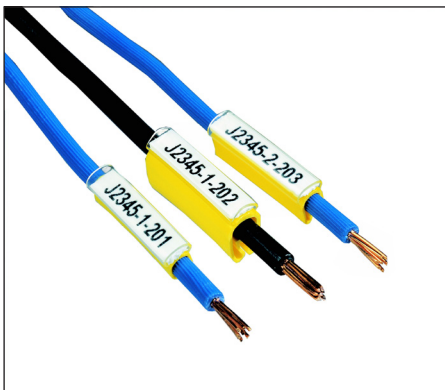## APPLICATION



The X-Card system with MK3 marking machine connected to a computer.
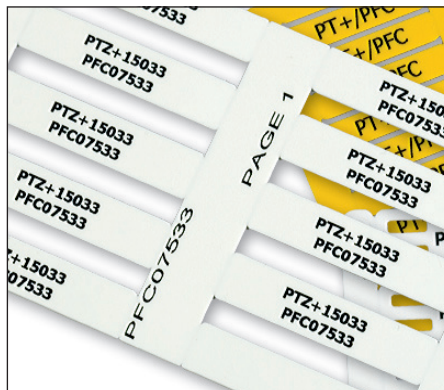


PFC component marking card with adhesive labels.



PFC component marking card for the PS holder system.



PFC and PTZ+ holders used for wire marking.



PFC wire marking card for PTZ+, PT+, PTC, PTM ETC.



PFC cable marker card for direct mounting with cable ties.