

Embraco is constantly searching for alternative components which can constitute strategic partnerships and another supply option for our products and customers. Therefore, beyond the currently used PTCs, Embraco is driving efforts on approving other starting device manufacturers.

However, it is important to point out that these new components require the same caution, with regards to application, that we recommend with the starting devices currently being used, as follows:

These components must not be used in environments where one or more of the following conditions are present:

- Corrosive or oxidizing gaseous atmosphere (Ex: Cl_2 , H_2S , SO_x , NO_x etc ...);
- Volatile or flammable gaseous atmosphere;
- Dust;
- Water or high humidity levels, salt water or salty mist, oils, chemicals agents and solvent.

The PTC cannot be subjected to temperatures above 200°C and over voltage (PTC 115V - maximum 170V and PTC 220V - maximum 350V).

Specially, do not use polyvinyl chloride (PVC) as an insulation material around the terminal connecting to the PTC element as, when these materials are subjected to high temperatures, they may release chlorine and cause reaction, causing the PTC to malfunction.

