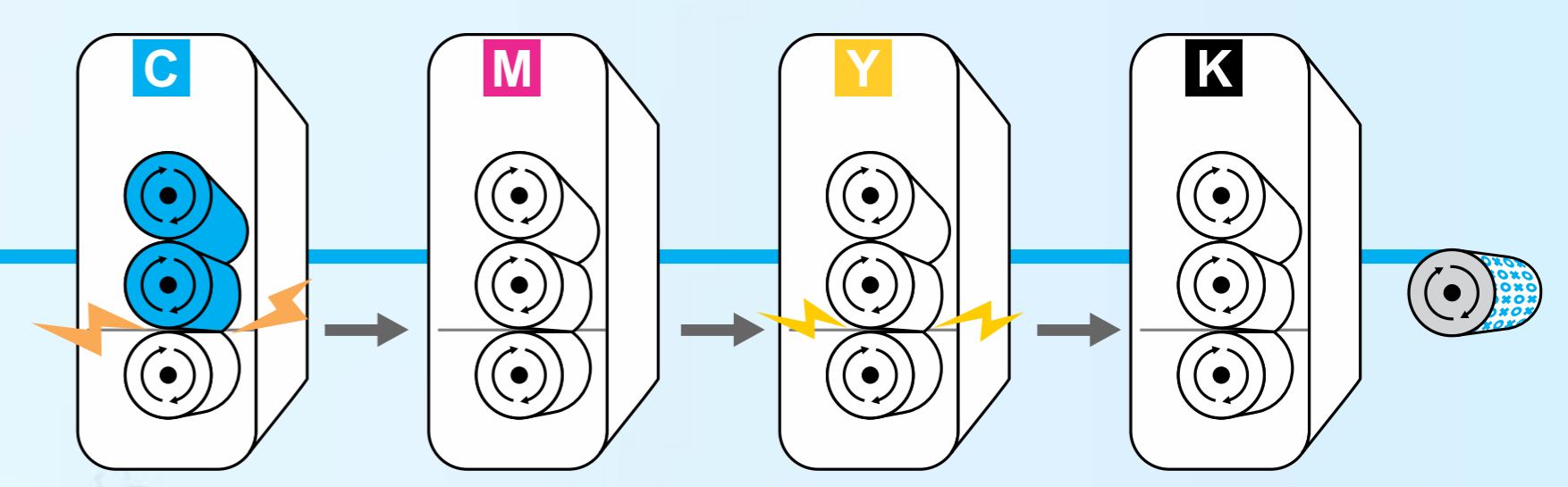
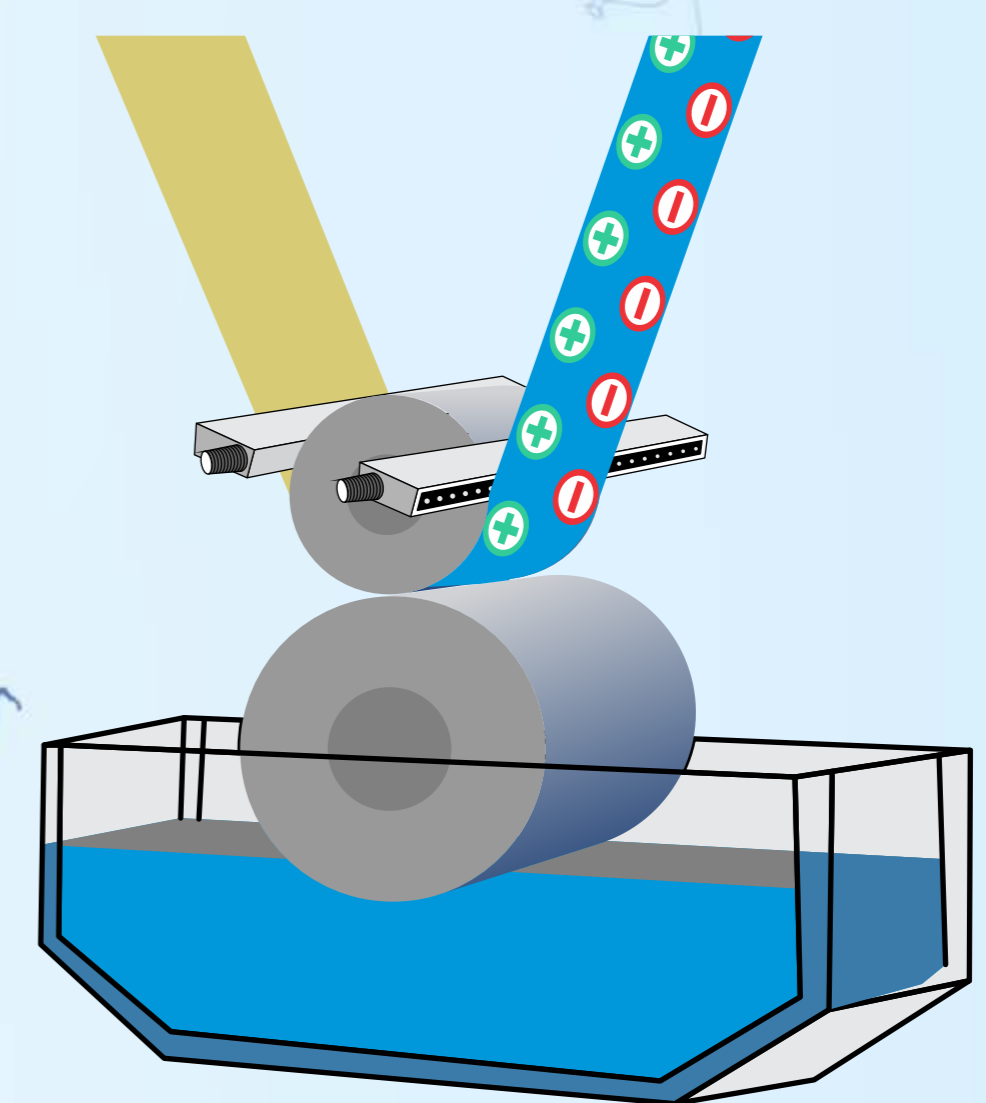


Electrostatic charges develop on fast moving paper and films due to contact and separation with rollers, friction, sudden changes in temperature, etc.



The level of these static charges may reach a point where an electrostatic discharge (ESD) can occur. This can cause a spark that can lead to a potentially hazardous situation in the solvent-vapour laden areas of these printing/coating stations.

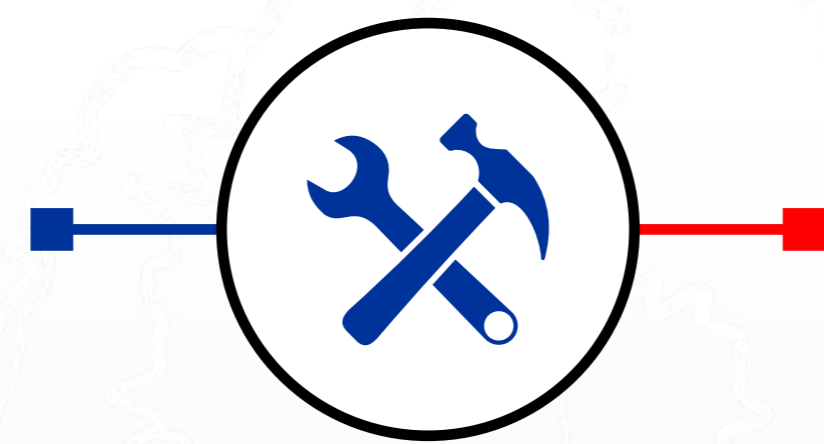
On the moving film or paper, the only way to remove static charges is through ionisation. This can be achieved through passive/active static elimination. Passive static charge dischargers are, however, not as effective as active static charge eliminators.



ATEX certified active static charge eliminators

Passive bars

No maintenance required except simple periodic cleaning



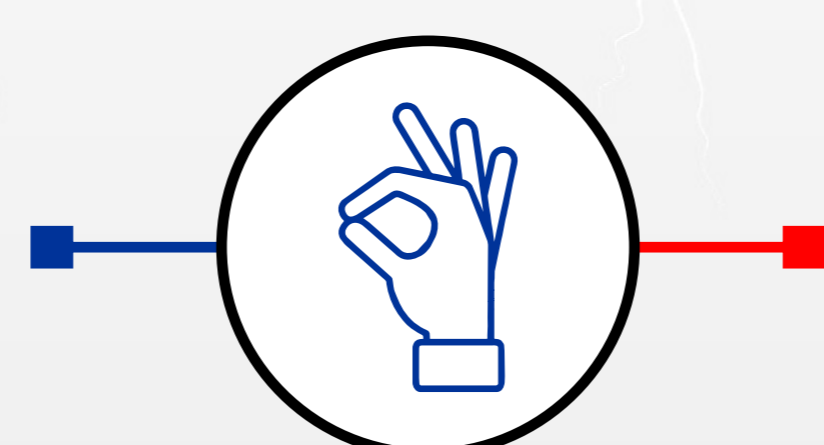
Ink splashes make the brush dirty, hence rigorous cleaning and maintenance required

Mounted at a gap of 30 to 60 mm from the web



Mounted at a gap of 1 to 5 mm from the web

Better and consistent performance



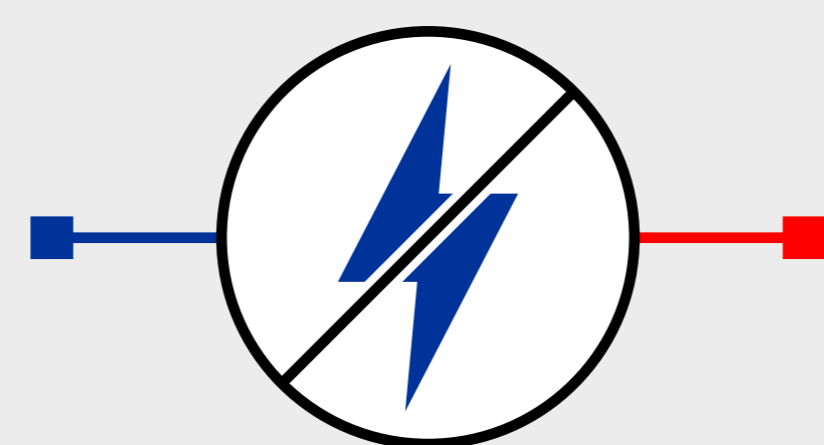
Performance deteriorates with time

Longer life, generally last up to 5 years



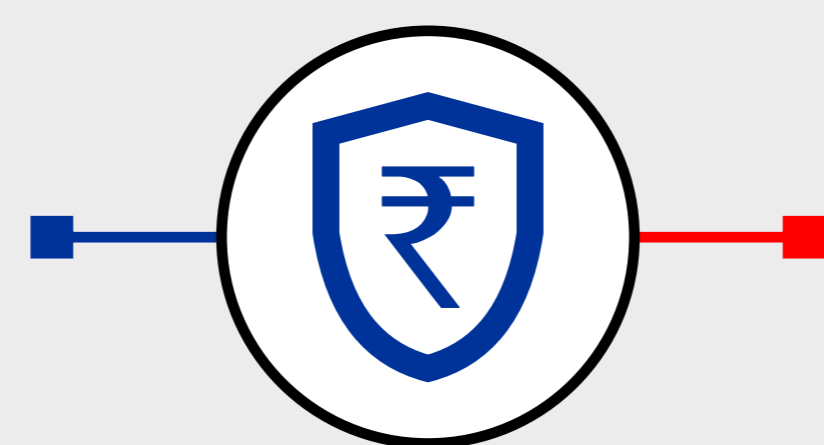
Shorter life, generally last for 6 months

Neutralises almost all static charges



Do not remove static charges fully

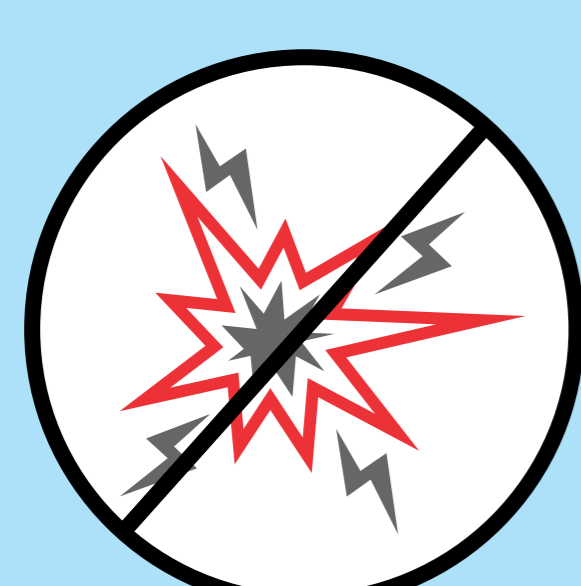
Value for money



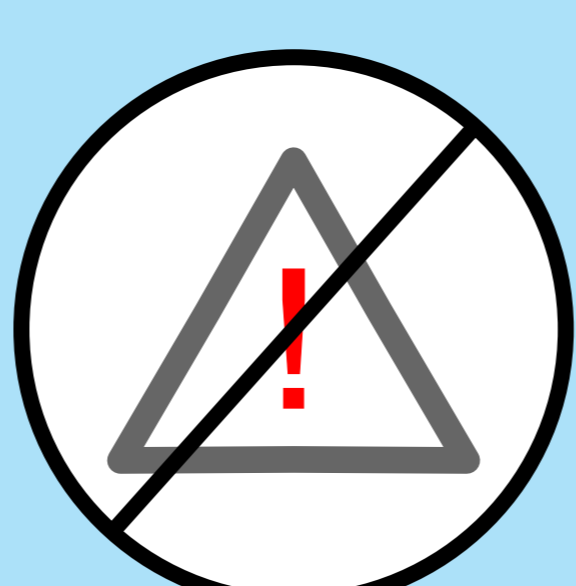
Economical

Valstat® ATEX-certified VR 20X active static eliminating bars are suitable for mounting in explosion-prone areas. These bars are designed to efficiently neutralise electrostatic charges from fast-moving plastic films and paper.

Benefits



Reduced risk to life



Reduced operator hazard



Better productivity