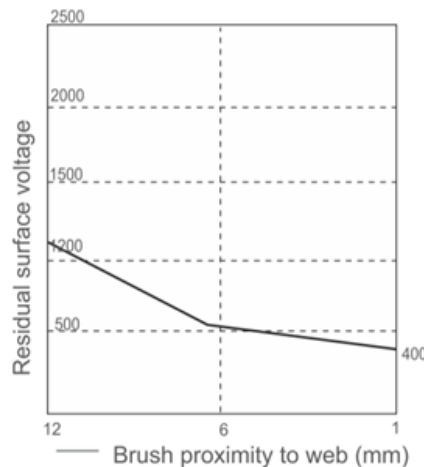


PB20 passive static discharge brushes

Static charges on paper, film, fabrics, and other electrical non-conductors can pose a nuisance to manufacturers and processors by reducing productivity, hampering quality, and creating safety concerns. AxisValence provides a range of static charge eliminators for almost all industrial applications.

Valstat PB20 passive static discharge brushes are made of low micron controlled resistivity fibres. The fibres are made of woven fabric and are very soft, but durable. Thus, there are no chances of scratches on the web even if brush fibres touch the web.

Housed in a powder-coated aluminum extruded section, Valstat passive static discharge brushes work more efficiently when the electrostatic charge on the web is high. Being passive static discharge brushes, they require no power and are suitable for mounting in hazardous locations. The Valstat static discharge brush needs to be positioned very close (about 2 to 5mm gap) to the charged web for it to effectively discharge static charges from the substrate and send them to earth.



Effectiveness of Valstat passive brush at a web speed of 325 mpm and an initial surface voltage of 10 kV

Valstat passive discharge brushes can be combined with Valstat active static eliminating bars to form a potent static elimination tool for virtually any web-fed application.

AxisValence has extensive experience and expertise in various applications across industries, which we leverage to provide a suitable solution for your application.