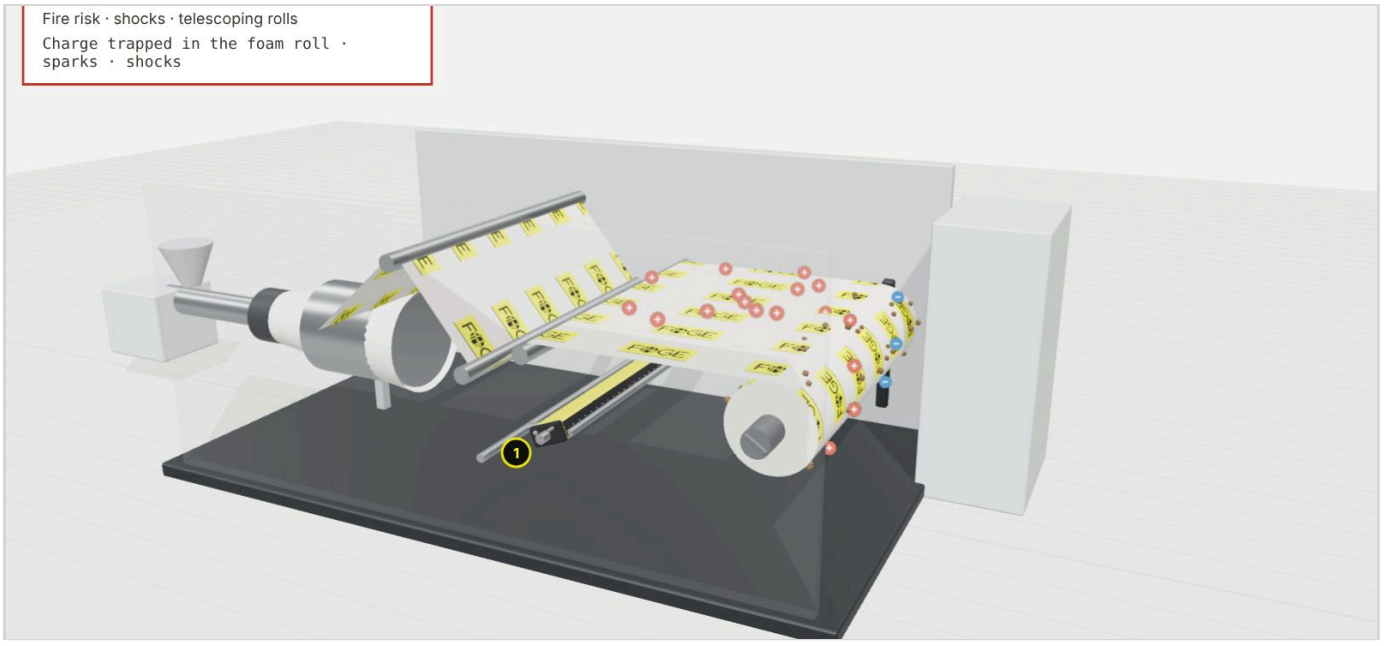
STATIC ELECTRICITY PRODUCTS · APPLICATION

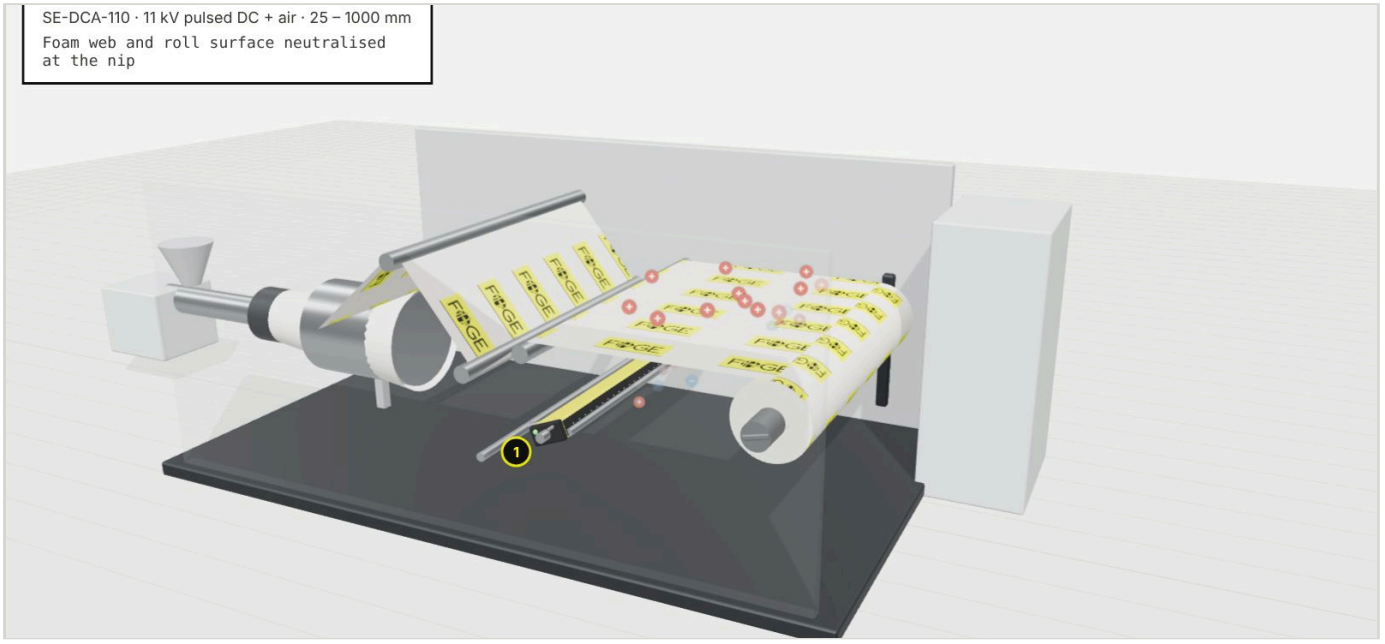
Foam sheet extrusion — winding section with SE-DCA-110

Foam sheet (EPS / EPE) is an exceptional insulator: running over the rollers and wound into large rolls it builds up and keeps massive static charge. A spark in the winding area can ignite flammable blowing agents, the "battery effect" of the large roll shocks operators standing nearby, and the charged foam clings to rollers and misaligns — telescoping rolls and surface damage. An SE-DCA-110 mounted at a long distance projects its air-carried ion cloud onto the web as it runs into the winder, so the charge is removed before it is wound in.

WITHOUT IONIZATION



WITH SE-DCA-110



FÖGE product in this application

1 · SE-DCA-110 — long-distance bar at the winding nip

Below the foam web at a long distance, aimed into the nip where the sheet meets the winding roll. The air stream carries the ions to the web and the roll surface.

Ionization	**11 kV pulsed DC · shockless**
Ionization range	**25 – 1000 mm**
Air	**⌀ 8 mm hose · min. 2 bar, dry, filtered**
Supply	**24 V DC · SE-PSU-24-C-M12**
Protection	**IP65 (with connector)**

SE-DCA-110 details Request technical quote

Also suitable for foam sheet winding

Other FÖGE antistatic bars for winding foam sheet.

SE-DCB-110
Pulsed DC Antistatic Bar – 11 kV

11 kV pulsed DC · 100 – 600 mm · 24 V DC

Interactive 3D model: switch between both states, rotate and zoom.

foge-antistatic.de/applications/foam-winder-se-dca-110/

Schematic model, not to scale. Machines and parts are generic — no specific manufacturer or brand. Product data as published on foge-antistatic.de.