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Pretreatment: Intelliblade with Ceramics

## **Softal has developed the most efficient electrode for conductive webs**

With the new Intelliblade-C, Softal can now offer its groundbreaking technology Intelliblade technology for metallised foils and conductive webs such as aluminium. The introduction of the Intelliblade for non-conducting webs has brought about a huge increase in treatment and production efficiency, which in turn has had a profound effect on the electrode production industry.

For the past 45 years, Softal has been and remains a force in corona and plasma, a company known all over the world for its know-how in designing corona treatment electrodes. In 2005, the continuous development of the multi-blade-electrodes led to the Intelliblade, allowing Softal to integrate a metal electrode into any corona system and increase treatment efficiency by 20%. While increasing energy consumption efficiency by 20%, the temperature rise in the electrode can be controlled to a point where sliding discharges are reduced. This greatly reduces the danger of damaging sensitive webs during production.

Softal can now offer its efficiency- and effectiveness enhancing Intelliblade technology in a ceramic electrode. Commencing in 2008, this new version of the Intelliblade is earmarked to be integrated in all corona systems used for treatment of conductive and metallised webs to increase the safety and efficiency of the treatment process.

For over 45 years, SOFTAL electronics has been the global trendsetter for the surface treatment of papers, plastics and metals with the objective of improving the adhesion of ink, lacquer and coating materials. In our technical laboratory in Hamburg, a team of physicists, analytical chemists and process engineering experts is continuously creating new, efficient solutions for the treatment of all types of webs.