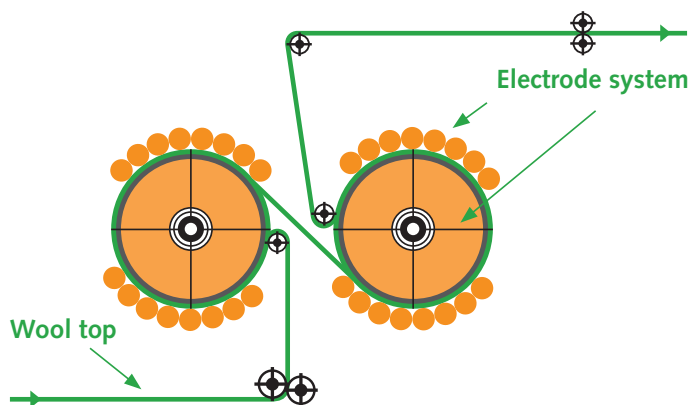




## RESPONSIBILITY BY INNOVATION: PLASMA TREATMENT



Saving Energy! Preserving Resources! Südwolle Group takes its responsibility for environment and nature very serious. This is why we developed a worldwide unique process to produce wool yarns without the usage of chlorine or any other chemicals. Eventually resulting in our high-quality Plasma treatment: Nature Texx.



FUNCTIONING OF PLASMA TREATMENT



Südwolle Group is a member of the International Association of Natural Textile Industry (ivn).

### PROPERTIES

- AOX-free
- Superwash Performance – felt free
- Natural Handle
- Remaining Yarn Properties in Strength & Elasticity
- GOTS and IVN Best certified

### ADVANTAGES

- Optimized Carbon Footprint
- No Chlorine – No Resin
- Water consumption reduced by 50–60 %
- Energy Saving in comparison to conventional Hercosett treatment.

### TECHNICAL FEATURES

- No chemicals involved during the treatment process
- Treated by electrical discharge under atmosphere pressure (comparable to a flash during a thunderstorm)
- The high voltage is discharged in controlled and consistent manner. As the energy is discharged the air between the electrodes ionized.
- This ionized air reacts with the surface of the wool to affect the properties of wool.