



Triboelectric Series

Dry Human Hands, Skin	Acquires a more positive charge
Leather	
Rabbit Fur	
Glass	
Human Hair	
Nylon (Polyamid)	
Wool	
Fur	
Lead	
Silk	
Aluminium	+
Paper	
Cotton	Acquires a more negative charge
Steel	
Wood	
Amber	
Hard Rubber	
Nickel, Copper	
Brass, Silver	
Gold, Platinum	
Polyester	
Saran Wrap	
Polyacrylic	
Polyurethane	
Polyethylene (scotch tape)	
Polypropylene	

Triboelectric Effect

The triboelectric effect is an electrical phenomenon where certain materials become electrically charged after coming into contact with another, different material.

The polarity and strength of the charges produced differ according to material and surface smoothness.

That means:

The further the materials lie off each other in the series, the more definitely they can be detected.

