



Physics 104 Discussion Sheets

Electricity, Magnetism, Light, and Modern Physics

University of Wisconsin—Madison Department of Physics

Spring 2024

Material	When rubbed	
Hair (most positive)	<i>Gives up electrons</i> 	
Rabbit fur		
Acrylic (clear plastic)		
Hands, skin		
Glass		
Nylon		
Lead		
Silk		
Aluminum		
Cotton (neutral)		
Steel		
Wood		
Ebonite (black plastic)		 <i>Gains electrons</i>
Nickel, copper		
Brass, silver		
Rayon		
Polyester		
Styrofoam		
Polyethylene		
PVC		
Teflon (most negative)		

Updated 1/2024