

# SUN PROTECTION FACTOR

The SPF numbers on sunscreen are sometimes misleading. The protection factor for sunscreen is not linear and the amount of protection does not increase linearly with a corresponding increase in factor. SPF 2 means that it filters half of the radiation (which radiation depends on the compound) or about 50%, while SPF 15 products filter 1/15 of the radiation, or about 93%. Jumping to SPF 30 only increases the filtration from 93% to 97%.



**2**

1/2 • 50%



**15**

1/15 • 93%



**30**

1/30 • 97%



**50**

1/50 • 98%



**100**

1/100 • 99%