

IP Rating Chart

IP ratings are represented by combining the first and second digits of the following columns. See example below.

1st Digit - SOLID Degree of protection against solid objects	2nd Digit - LIQUID Degree of protection against water
 No Protection 0	 No Protection 0
 Protected against a solid object greater than 50mm, such as a hand. 1	 Protected against water drops. 1
 Protected against a solid object greater than 12.5mm, such as a finger. 2	 Protected against water drops at a 15 degree angle. 2
 Protected against a solid object greater than 2.5mm, such as a wire. 3	 Protected against water spray at 60 degree angle. 3
 Protected against a solid object greater than 1.0mm, such as a thin strap. 4	 Protected against water splashing from any angle. 4
 Dust Protected. Prevents ingress of dust sufficient to cause harm. 5	 Protected against water jets from any angle. 5
 Dust tight. No ingress of dust. 6	 Protected against powerful water jets and heavy seas. 6
<p>Example:</p>  <p>IP 6 5</p> <p>→ Protected against water jets from any angle.</p> <p>→ Dust tight. No ingress of dust.</p>	 Protected against the effects of temporary submersion in water. (30 minutes at 3 feet) 7
	 Protected against the effects of permanent submersion in water. (Up to 13 feet) 8