

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

 No Protection **0**

 Protected against a solid object greater than 50mm, such as a hand. **1**

 Protected against a solid object greater than 12.5mm, such as a finger. **2**

 Protected against a solid object greater than 2.5mm, such as a wire. **3**

 Protected against a solid object greater than 1.0mm, such as a thin strap. **4**

 Dust Protected. Prevents ingress of dust sufficient to cause harm. **5**

 Dust tight. No ingress of dust. **6**

Example:



2nd Digit - LIQUID

Degree of protection against water

 No Protection **0**

 Protected against water drops. **1**

 Protected against water drops at a 15 degree angle. **2**

 Protected against water spray at 60 degree angle. **3**

 Protected against water splashing from any angle. **4**

 Protected against water jets from any angle. **5**

 Protected against powerful water jets and heavy seas. **6**

 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**