

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 |

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 |

Example:

