

IP RATING CHART

Ingress Protection (IP) ratings are represented by combining the first and second digits of the below columns. A higher number means greater protection against solids and liquids. See example below.



1st Digit - SOLID

Degree of protection against solid objects



2nd Digit - LIQUID

Degree of protection against water

0 No Protection

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

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

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

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

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

6 Dust Tight. No ingress of dust.

0 No Protection

1 Protected against water drops.

2 Protected against water drops at a 15 degree angle.

3 Protected against water spray at a 60 degree angle.

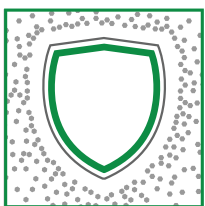
4 Protected against water splashing from any angle.

5 Protected against water jets from any angle.

6 Protected against powerful water jets and heavy seas.

7 Protected against the effects of temporary submersion in water. (30 minutes at 3 Feet)

8 Protected against the effects of permanent submersion in water. (Up to 13 feet)



PROTECTION
AGAINST
SOLIDS

EXAMPLE:

IP **6** **5**



PROTECTION
AGAINST
LIQUIDS