



PROTECTION LEVELS			
FIRST DIGIT Protection against solid substances		SECOND DIGIT Protection against liquids	
IP	Tests	IP	Tests
0	Without Protection	0	Without Protection
1	Protected against solid substances (size > 50mm)	1	Protected against water drops (condensation)
2	Protected against solid substances (size > 12mm)	2	Protected against water drops from up to 15 feet
3	Protected against solid substances (size > 2.5 mm)	3	Protected against water drops up to 60 feet
4	Protected against solid substances (size > 1 mm)	4	Protected against water drops above 60 feet
5	Protected against dust (> .1mm < 1mm)	5	Protected against splashes of water in all directions
6	Fully protected against dust	6	Protected against projections of water in all directions
		7	Protected against action of immersion < 15 cm and water jet pressure all directions
		8	Protected against long time action of immersion < 1 meter and water jet pressure in all directions

NOTE: To symbolize the protection levels, we use ip letters followed by 2 digits.