

## PVC CONDUIT PIPES AND FITTINGS



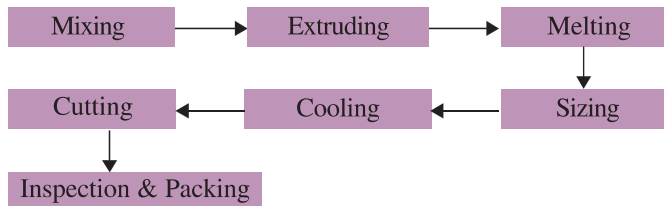
**Production capacity/annum**

150 MT

### Production process

The production of rigid PVC pipes consists of politicizing and homogenizing, PVC pipe compound and passing through an extruder. The hot molten PVC compound is extruded by the extruder through a circular slit which governs the size of the pipe.

### Process flow chart



### Machinery & equipment required

- High speed mixer
- Extruder with accessories
- Scrap grinder
- High speed compounding mixer
- Water tank
- Injection moulding with dies

### Raw material/consumables required

- PVC resin powder
- Chemicals
- Calcium
- Wax
- Titanium

### Utilities required

- Power required (load) in KW : 60 KW
- Water required (per shift basis) : 2000 litres

### Manpower required

- Supervisor : 2 Nos.
- Skilled : 3 Nos.
- Unskilled : 5 Nos.

### Area required

- Total Area : 300 Sq. Mtr.
- Covered Area : 250 Sq. Mtr.

### Investment required

- Machinery & Equipment : } ₹ 44.25 Lakhs
- Working Capital for 3 Months : }
- (Raw material, utilities & salary)