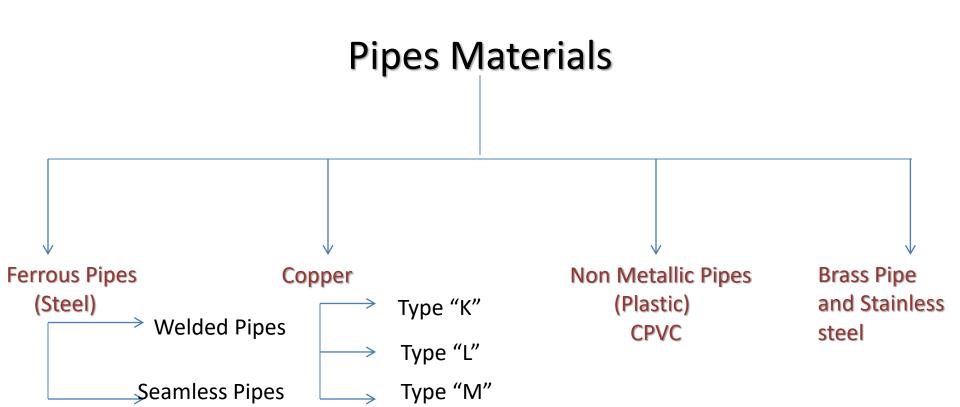
Pipes, Fittings and Hangers

- Pipes
 - A. Above Ground Pipes

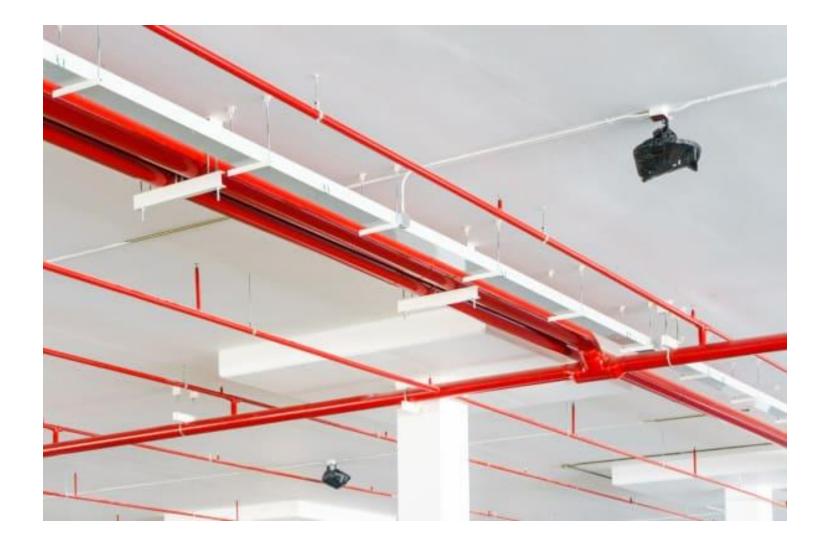


Ferrous Pipes (Steel)

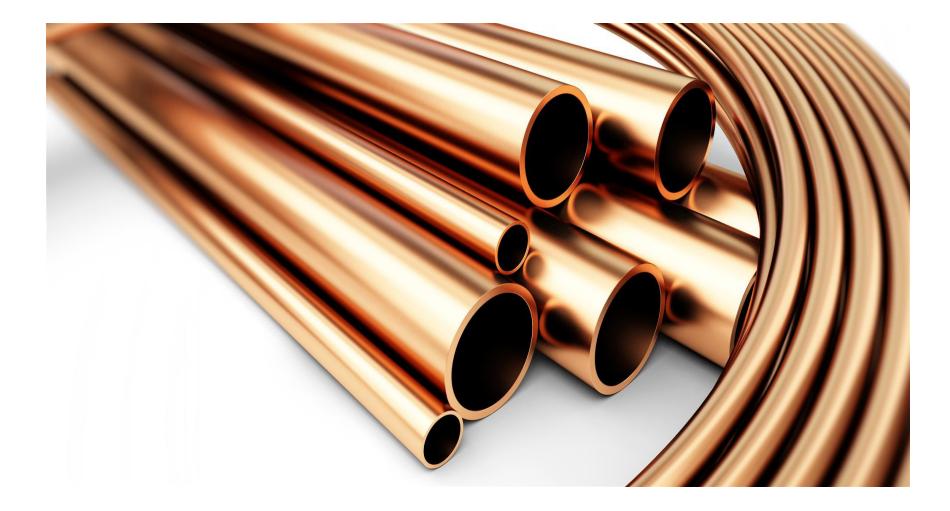
1. Welded Pipes



2. Seamless Pipes



3. Copper Tube



4. Non Metallic (Plastic) Pipes " CPVC "



Pipe Fittings

- Cross
- Tee
- Elbow
- Reducer
- Flanges









Rigid Coupling

Mechanical Cross

Mechanical Tee

Flange Adapter





Grooved Split Flange

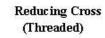
Cross



Reducing Tee Reduct (Threaded) (Thre



22.5°Elbow





Concentric Reducer (Grooved)





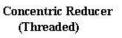
Tee



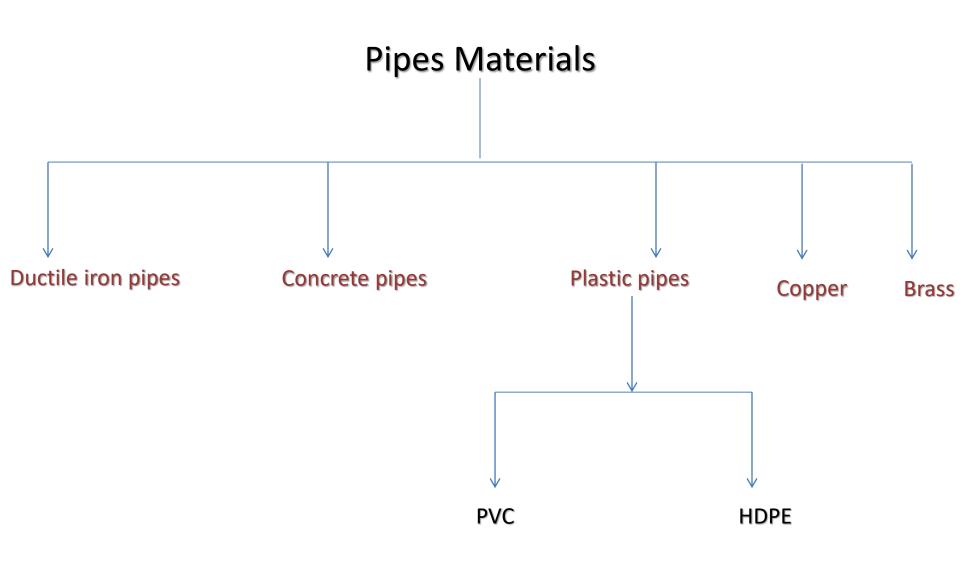
45°Elbow



90°Elbow



B. Under Ground Pipes



Ductile iron Pipes



Concrete Pipes



PVC Pipes

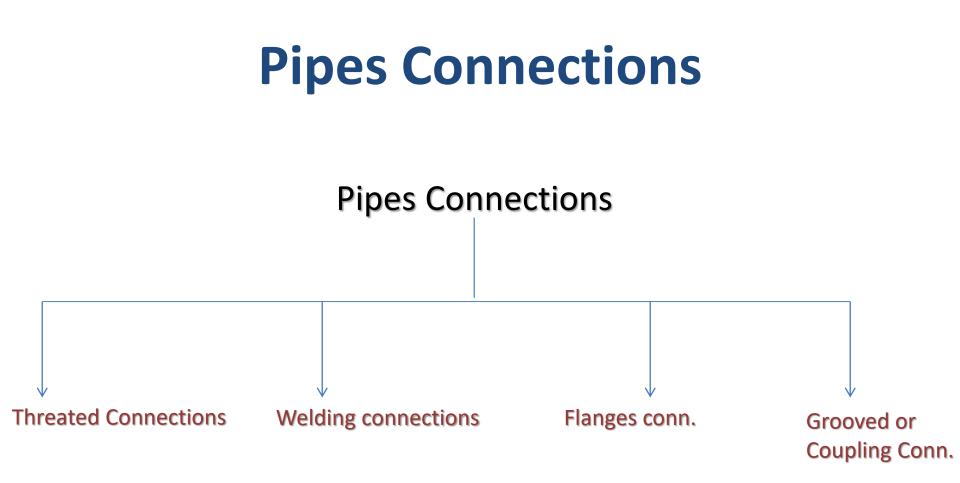


Copper Pipes



Brass Pipes





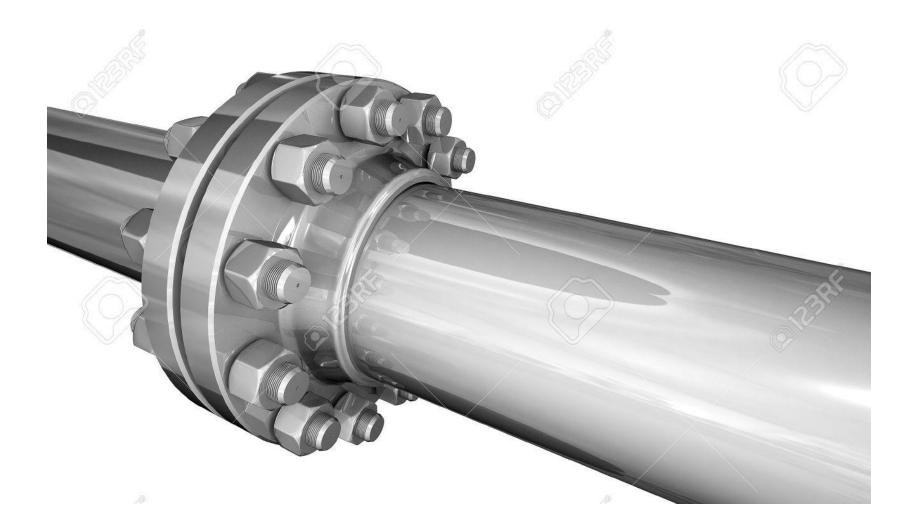
Threated Connections



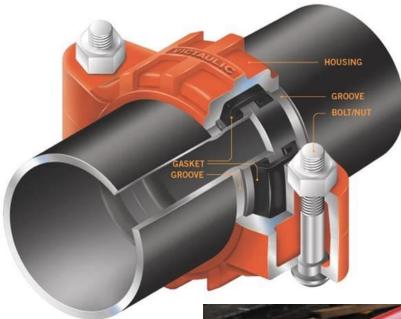
Welding Connections



Flanges Connections



Grooved Connections



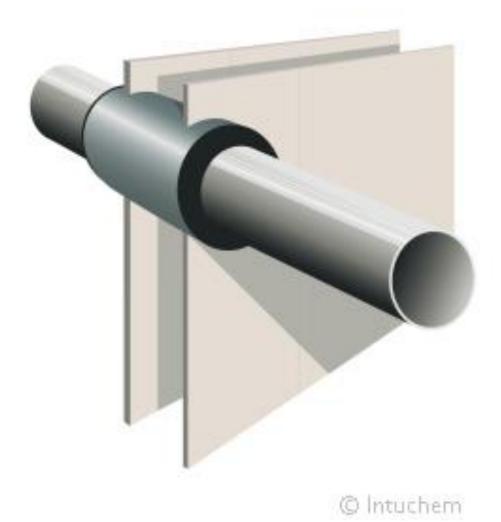




- For Steel Pipes
 - For 2 in and smaller----- Radius of bend >= 6 Pipe Diam.
 - For 2.5 in and larger----- Radius of bend >= 5 Pipe Diam.
- For Other Steel Pipes

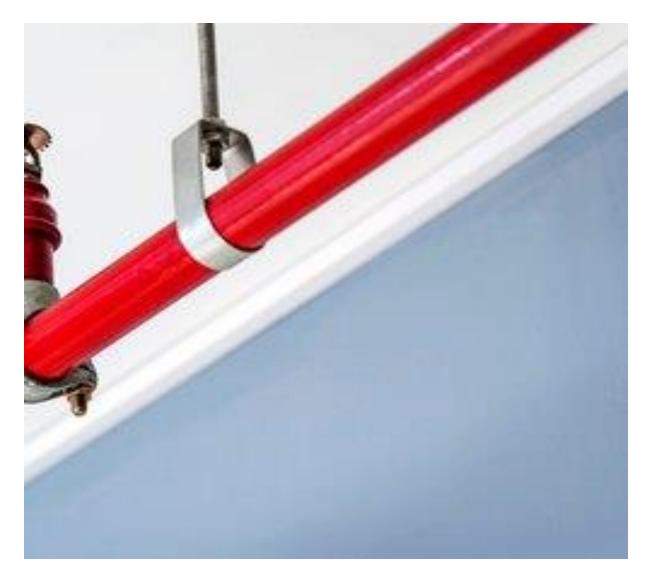
For all sizes------ Radius of bend >= 12 Pipe Diam.

Pipe Sleeves





Hangers



• Maximum distance between hangers

	Nominal pipe size (mm)						
(mm)	20	25	32	40	50	65	80
Steel pipe (m)	NA	3.7	3.7	4.6	4.6	4.6	4.6

Hanger Rod Size

Pipe Size	Diam. Of Rod (mm)
UP to 4 in	10
5,6,8 in	12
10,12 in	16