

## Material: IS 10773 Grade 2

### Standard Specification for Wrought Copper Tubes for Refrigeration and Air-Conditioning Purposes

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** IS 10773 Wrought Copper Tubes for Refrigeration and Air-Conditioning Purposes

**Application:** Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

**Belongs to the Industry:** Tube

Chemical Composition			Heat Treatment	
Lead	Pb %	0.010 max.	As Drawn or Annealing	
Tin	Sn %	0.010 max.		
Iron	Fe %	0.030 max.		
Arsenic	As %	0.050 max.		
Nickel	Ni %	0.100 max.		
Phosphorus	P %	0.015 - 0.040		
Other	Ot%	0.060 max.		
Copper	Cu %	99.850 min.		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	205 min.
			Yield Strength in Mpa	-
			Elongation in %	40 min.
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
CuDHP-HB	IS	India	Plate, Sheet, Strip and Foil
CuDHP-HD	IS	India	Plate, Sheet, Strip and Foil
CuDHP-O	IS	India	Plate, Sheet, Strip and Foil
Cu DHP	IS	India	Tube
CuDHP-HA	IS	India	Plate, Sheet, Strip and Foil
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