



**High Quality
Steel**
Pipes & Tubes
H.R. / C.R. Sheets



ISO 9001:2000
CERTIFIED
COMPANY



ERW Steel Pipes

PRODUCT WITH INDIAN STANDARDS	GRADE	CHEMICAL COMPOSITION (%age)				PHYSICAL PARAMETERS			WELD PARAMETERS			DIMENSIONAL TOLERANCES (mm)					
		C	Mn	S	P	UTS	YS	%ELG	FLARING	FLATTENING	BENDING	RANGE	OD	t			
		Max. Except Where range is given				kgf/mm ²	kgf/mm ²	5.65 (G.L.) 1/2	Min.	Max.							
ERW TUBES FOR AUTOMOTIVE APPLICATIONS IS: 3074/1979	ERW1		0.20	0.30	-	0.06	0.06	32.0	17.0	-	12.50%	3t			Over up to & Incl.		
					0.60									26.0	+/- 0.13		
														25.0	51.0	+/- 0.13	
														51.0	63.0	+/- 0.18	
				0.20	0.30	-	0.06	0.06	39.0	25.0		10.00%	5t	-	63.0	76.0	+/- 0.20
				0.30	0.60										76.0	88.0	+/- 0.25
ERW TUBES FOR BICYCLE AND ALLIED PURPOSES	ERWC1		0.15	0.60	0.06	0.06	30.60	20.40	10.00	12.00%	3t	-			+0.03		
														Upto 30.00 OD	-0.13		
				0.20	0.90	0.06	0.06	40.80	30.60	8.00	10.00%	5t	-	30.00	45.50	+0.06	

HIGH STRENGTH TUBES CUSTOMER SPECIFICATION	EN-8	0.35-0.45	0.40-1.00	0.05	0.06	55.00	32.00	-	-	-	-	As per IS: 3074 OR custom tolerance	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROPELLER SHAFT TUBES CUSTOMER SPECIFICATION	STKM 138	0.25	0.30-0.90	0.04	0.04	45.00	31.00	20.00	-	3/4 D	6D90	As per IS : 3074 OR custom tolerance	-	-
	SAE1020	0.23	0.30-0.90	0.06	0.06	44.00	28.00	15.00	-	-	-	-	-	-
	-	-	-	-	--	-	-	-	-	-	-	-	-	--
SECTIONAL TUBES IS: 4923/1985	YST210	-	-	0.06	0.06	34.00	21.00	12 to 20	-	-	-	-	-	-
	YST310	-	-	0.06	0.06	45.00	32.00	8 to 10	-	-	-	Dimensions of sides	+/- 1% with a min of	+/- 10%
	YST240	-	-	0.06	0.06	42.00	24.00	10 to 15	-	-	-		+/- 0.50mm	

Tubes are available as per above standard chemistry but selected specification chemistry are also available as per customers requirement.

ERW - Electric Resistance Butt Welded, OD - Out Side Dia; T-Thicknes

UTS - Ultimate Tensile Strength, YS - Yield Strength, ELG - Elongation

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An ISO 9001:2000 Registered Firm

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