



# ARTROM STEEL TUBES S.A.

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 Subscribed and Paid Share Capital: 291.587.538,34 lei

**Tab.5 Mechanical Properties Acc.API 5CT**

Level	Grade	Yield Strength (ksi)		Tensile Strength (ksi)	Total elongation under Load %	Hardness max.		Specified Wall Thickness (In.)	Allowable Hardness Variation
		minim	maxim	minim		HRC	HBW		HRC
PSL1	H40	40	80	60	0.5				
	R95	95	110	105	0.5				
	C110	110	120	115	0.7	30	286	≤0.500 0.501 la 0.749 0.750 la 0.999 ≥1.000	3.0 4.0 5.0 6.0
PSL2	J55	55	80	75	0.5				
	K55	55	80	95	0.5				
	L80(1)	80	95	95	0.5	23.0	241		
	N80(1)	80	110	100	0.5				
	N80(Q)	80	110	100	0.5				
	P110	110	140	125	0.6				
	T95(1)	95	110	105	0.5	25.4	255	≤0.500 0.501 la 0.749 0.750 la 0.999 ≥1.000	3.0 4.0 5.0 6.0
	Q125	125	150	135	0.65			≤0.500 0.501 la 0.749 ≥0.750	3.0 4.0 5.0

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LRQA:  
ISO 9001  
ISO 14001  
ISO 45001

LRQA:  
IATF 16949

TUV:  
PED/AD-2000 W0/W4  
Vd TUV

TUV CPR:  
EN 10210-1,2  
EN 10255

DNV  
RINA  
LR