

## TOLERANCE ON OUTSIDE DIAMETER WALL THICKNESS, WEIGHT AND LENGTH OF PIPE

SPEC.	TYPE	OUTSIDE DIAMETER		WALL THICKNESS	WEIGHT	LENGTH							
		PIPE BODY	PIPE ENDS (PLAIN END)			NOMINAL		AVG(min)		MINIMUM		MAXIMUM	
						ft.	Mtr	ft.	Mtr	ft.	Mtr	ft.	Mtr
API 5L	E, S	$< 2 \frac{3}{8}" (60.3 \text{ mm}) = + 0.40 \text{ mm}, - 0.80 \text{ mm}$ $\geq 2 \frac{3}{8}" (60.3 \text{ mm}) \text{ to } \leq 6 \frac{5}{8}" (168.3 \text{ mm}) = \pm 0.0075 D$ $> 6 \frac{5}{8}" (168.3 \text{ mm}) \text{ to } \leq 24" (610 \text{ mm}) = \pm 0.0075 D$ (but for ERW $\pm 3.2 \text{ mm max.}$ )	$\leq 6 \frac{5}{8}" (168.3 \text{ mm}) = + 1.60 \text{ mm}, - 0.40 \text{ mm}$ $> 6 \frac{5}{8}" (168.3 \text{ mm}) \text{ to } \leq 24" (610 \text{ mm}) = \pm 0.005 D$ (but max. of $\pm 1.6 \text{ mm}$ )	<b>Seamless</b> $\leq 4.0 \text{ mm WT} = + 0.6 \text{ mm}, - 0.5 \text{ mm}$ $> 4.0 \text{ mm WT to } < 25.0 \text{ mm WT} = + 0.15t, - 0.125t$ $\leq 25.0 \text{ mm WT} = + 3.7 \text{ or } + 0.1t \text{ (which is greater)}$ $\quad \quad \quad - 3.0 \text{ or } 0.1t \text{ (which is greater)}$ <b>Welded Pipe:</b> $\leq 5.0 \text{ mm WT} = + 0.5 \text{ mm}$ $> 5.0 \text{ mm WT to } < 15.0 \text{ mm WT} = \pm 0.1t$ $\geq 15.0 \text{ mm WT} = \pm 1.5 \text{ mm}$	Single Length of Pipe = + 10%, - 3.5% Carloads $\geq 20 \text{ Ton} = - 1.75\%$	20	6	17.5	5.33	9	2.74	22.5	6.86
						40	12	35	10.67	14	4.27	45	13.72