



PIPING SYSTEM PTE LTD	DRAWING NO.:	TUBE-½-4.78-CS-API 5L GRB PSL1-20260303
Pipeline Material and Equipment Experts	DRAWING DATE:	03-Mar-2026

INQUIRY NO.:	OR999999	Description	PIPE-½INCHES-SCH160(4.78MM)-SEAMLESS-BEVELLED ENDS-CARBON STEEL-API 5L GRB-PSL1-ASME B36.10-NACE MR0175	QTY	UNIT
ITEM NO.:	225			1000	M

PIPE&TUBE DRAWING AND DIMENSIONS DATA



Nominal Pipe Size



Outside Diameter



Inside Diameter



Wall Thickness

STANDARD		API 5L GRB PSL1		(in mm)			kg	kg		m ³				
NAME	MATERIAL	NPS	OD INCH(ES)	OD	ID	WT	METER WEIGHT	TOTAL WEIGHT	PROCESS	TOTAL VOLUME	HIC	IGC	MTC TYPE	REFERENCE HS CODE
TUBE	CS	15	½	21.30	11.74	4.78	1.95	1950.00	SMLS	0.45	N/A	N/A	MTC3.1	7304 1930.00

MATERIAL STANDARD: API 5L GRB PSL1 Chemical element composition content (%)

COMPONENT	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	Ti	B	REMARK	CE
Max	-	-	-	-	-	-	-	-	-	-	-	Nb+V≤	CEV≤0.43
Min	0.24	0.4	1.2	0.025	0.015	0.3	0.3	0.5	0.15	0.04	0.001	0.06	Pcm≤0.25

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	BASED IN SINGAPORE, PIPING THE WORLD				
DRAWING	HuBiao	AUDIT	王健	APPROVAL	李以