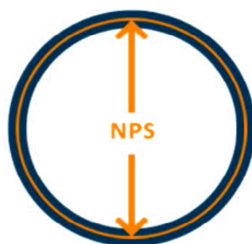




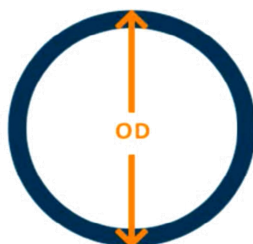
PIPING SYSTEM PTE LTD	DRAWING NO.:	PIPE-18-11.13-CS-API 5L GRB PSL2-20260303
Pipeline Material and Equipment Experts	DRAWING DATE:	03-Mar-2026

INQUIRY NO.:	OR999999	Description	PIPE-18INCHES-SCH30(11.13MM)-SEAMLESS-BEVELLED ENDS-CARBON STEEL-API 5L GRB-PSL2-ASME B36.10-NACE MR0175	QTY	UNIT
ITEM NO.:	58			1000	M

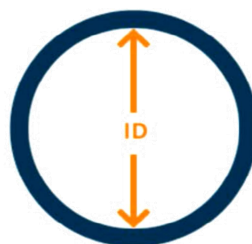
PIPE&TUBE DRAWING AND DIMENSIONS DATA



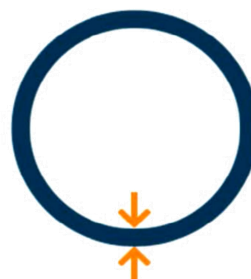
Nominal Pipe Size



Outside Diameter



Inside Diameter



Wall Thickness

STANDARD		API 5L GRB PSL2		(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
PIPE	CS	450	18	457.20	434.94	11.13	122.44	122440.00	SMLS	209.03	N/A	N/A	MTC3.1	7304 1990.00

MATERIAL STANDARD: API 5L GRB PSL2 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



PIPING SYSTEM PTE LTD				
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BASED IN SINGAPORE, PIPING THE WORLD				
DRAWING	Hubiao	AUDIT	王健	APPROVAL 李以