

SUMMARY OF MOST COMMON PIPE SPECIFICATIONS

SPECIFICATION	CLASSIFICATION	GRADE	CHEMICAL REQUIREMENTS								YIELD PT Min. PSI	TENSILE Min. PSI	YIELD PT Max. PSI (API PSL2)	TENSILE Max. PSI (API PSL2)	HYDRD TESTING
			% MAX (PSL1 FOR API)				% MAX (PSL2 FOR API)								
			C	MN	P	S	C	MN	P	S					
ASTM A-120	STANDARD PIPE	N/A	NOT SPECIFIED								N/A				YES
ASTM A252	STRUCTURAL PIPE	1	-	-	0.05	-					30,000	50,000			NO
		2	-	-	0.05	-					35,000	60,000			
		3	-	-	0.05	-					45,000	66,000			
ASTM A-53	STANDARD PIPE	A	0.25	0.95	0.05	0.06					30,000	48,000			YES
		B	0.30	1.20	0.05	0.06					35,000	60,000			
API 5L	LINE PIPE	A	0.22	0.90	0.03	0.03					30,000	48,000			YES
		B	0.26	1.20	0.03	0.03	0.22	1.20	0.025	0.015	35,000	60,000	65,000	110,000	
		X-42	0.26	1.30	0.03	0.03	0.22	1.30	0.025	0.015	42,000	60,000	72,000	110,000	
		X-46	0.26	1.40	0.03	0.03	0.22	1.40	0.025	0.015	46,000	63,000	76,000	110,000	
		X-52	0.26	1.40	0.03	0.03	0.22	1.40	0.025	0.015	52,000	66,000	77,000	110,000	
		X-60	0.26	1.40	0.03	0.03	0.22	1.40	0.025	0.015	60,000	75,000	82,000	110,000	
		X-70	0.26	1.65	0.03	0.03	0.22	1.65	0.025	0.015	70,000	82,000	90,000	110,000	

Note: This is summarized information from ASTM Standards and API Specification 5L. Please refer to the specific Standard or Specification for more details.

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