

DANIELI Line 76-3 – SOMON STEEL

Product range and standards (gas standards removed, ASTM only)

No.	Product variety	Outer diameter (mm)	Thickness (mm)	Grade / Yield strength	Standard (USA)
1	Line pipes	Ø19.1 – Ø76.6	0.8 – 3.0	Up to 485 MPa	ASTM A53 / ASTM A500
2	Construction pipes	Ø19.1 – Ø76.6	0.8 – 3.0	Up to 485 MPa	ASTM A53 / ASTM A500
3	Square/rectangular structural pipe	10×10 – 50×50; 20×20 – 50×30	1.2 – 3.0	Up to 485 MPa	ASTM A500 / ASTM A36

Line 76-3 – Round pipes OD & wall thickness

O.D. (mm)	0.8	1.0	1.5	2.0	2.3	2.5	3.0
19.1	•	•	•	•	•	•	•
20	•	•	•	•	•	•	•
22	•	•	•	•	•	•	•
25	•	•	•	•	•	•	•
25.4	•	•	•	•	•	•	•
28	•	•	•	•	•	•	•
30	•	•	•	•	•	•	•
32	•	•	•	•	•	•	•
34	•	•	•	•	•	•	•
35	•	•	•	•	•	•	•
38	•	•	•	•	•	•	•
40	•	•	•	•	•	•	•
45	•	•	•	•	•	•	•
50	•	•	•	•	•	•	•
60	•	•	•	•	•	•	•

O.D. (mm)	0.8	1.0	1.5	2.0	2.3	2.5	3.0
70	•	•	•	•	•	•	•
70.6	•	•	•	•	•	•	•
Grade:	≤ 485	MPa					

Line 76-3 – Square and rectangular pipes

Square Pipes (mm)	Rectangle Pipes (mm)	0.8	1.0	1.5	2.0	2.3	2.5	3.0
10×10	20×10	•	•	•	•			
25×15	25×15			•	•	•		
20×20	30×20			•	•	•	•	
30×40	40×30			•	•	•	•	
45×45	30×70			•	•	•	•	
50×50				•	•	•	•	
Yield Strength	(Nominal)	≤ 485	MPa					

DANIELI H.F.M 168/8/0-80 – SOMON STEEL

Product range and ASTM standards for Ø88.9–168 mm pipes and profiles

No.	Product variety	Outer diameter (mm)	Thickness (mm)	Grade / Yield strength	Standard (USA)
1	Line pipes	Ø88.9 – Ø168.3	2.0 – 8.0	Up to 485 MPa	ASTM A53 / ASTM A500
2	Construction pipes	Ø88.9 – Ø168.3	2.0 – 8.0	Up to 485 MPa	ASTM A53 / ASTM A500
3	Square/rectangular structural pipe	80×80 – 120×120; 120×80 – 140×100	2.0 – 8.0	Up to 485 MPa	ASTM A500 / ASTM A36

H.F.M 168 – Round pipes OD vs wall thickness

H.F.M 168 – Square and rectangular pipes

Square Pipes (mm)	Rectangle Pipes (mm)	2.0	2.5	3.0	3.2	3.5	3.8	4.0	4.5	5.0	6.0	7.0	8.0
80×80	120×80	•	•	•	•	•	•	•	•	•	•		
100×100	100×60	•	•	•	•	•	•	•	•	•	•		
120×120	140×100	•	•	•	•	•	•	•	•	•	•		
Yield Strength	(Nominal)	≤485	MPa										

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