

TECNIPILE® DATA SHEET

Size range and cross section

OD WT	5.00	5.50	6.30	7.50	8.00	9.20	10.00	11.00	11.50	12.50	12.70	16.00	17.50	20.00	25.00
60.3	6.8 868.7	7.4 946.9	8.4 1,068.8	9.8 1,244.1	10.3 1,314.4	11.6 1,476.9	12.4 1,580.2	13.4 1,703.7	13.8 1,763.1	14.7 1,877.1	14.9 1,899.2	17.5 2,226.8	M [kg/m] A [mm²]		
63.5	7.2 918.9	7.9 1,002.2	8.9 1,132.1	10.4 1,319.5	10.9 1,394.9	12.3 1,569.4	13.2 1,680.8	14.2 1,814.3	14.7 1,878.7	15.7 2,002.8	15.9 2,026.8	18.7 2,387.6			
70	8.0 1,021.0	8.7 1,114.5	9.9 1,260.8	11.6 1,472.6	12.2 1,558.2	13.8 1,757.3	14.8 1,885.0	16.0 2,038.9	16.6 2,113.5	17.7 2,258.0	17.9 2,286.2	21.3 2,714.3	22.7 2,886.3		
73	8.4 1,068.1	9.2 1,166.3	10.4 1,320.1	12.1 1,543.3	12.8 1,633.6	14.5 1,844.0	15.5 1,979.2	16.8 2,142.6	17.4 2,221.9	18.7 2,375.8	18.9 2,405.9	22.5 2,865.1	24.0 3,051.3	26.1 3,330.1	
76.1	8.8 1,116.8	9.6 1,219.9	10.8 1,381.5	12.7 1,616.3	13.4 1,711.5	15.2 1,933.6	16.3 2,076.6	17.7 2,249.7	18.3 2,333.9	19.6 2,497.6	19.9 2,529.5	23.7 3,021.0	25.3 3,221.7	27.7 3,524.9	
82.5	9.6 1,217.4	10.4 1,330.5	11.8 1,508.2	13.9 1,767.1	14.7 1,872.4	16.6 2,118.6	17.9 2,277.7	19.4 2,470.9	20.1 2,565.1	21.6 2,748.9	21.9 2,784.9	26.2 3,342.7	28.1 3,573.6	30.8 3,927.0	35.5 4,516.0
88.9	10.3 1,317.9	11.3 1,441.0	12.8 1,634.8	15.1 1,917.9	16.0 2,033.2	18.1 2,303.5	19.5 2,478.7	21.1 2,692.0	22.0 2,796.3	23.6 3,000.2	23.9 3,040.2	28.8 3,664.4	30.8 3,925.4	34.0 4,329.1	39.4 5,018.7
101.6		13.0 1,660.5	14.8 1,886.2	17.4 2,217.2	18.5 2,352.4	21.0 2,670.6	22.6 2,877.7	24.6 3,130.9	25.6 3,255.2	27.5 3,498.9	27.8 3,547.0	33.8 4,302.7	36.3 4,623.6	40.2 5,127.1	47.2 6,016.1
114.3		14.8 1,879.9	16.8 2,137.5	19.8 2,516.4	21.0 2,671.6	23.8 3,037.7	25.7 3,276.7	28.0 3,569.8	29.2 3,714.0	31.4 3,997.7	31.8 4,053.7	38.8 4,941.1	41.8 5,321.9	46.5 5,925.0	55.1 7,013.6
121		15.7 1,995.7	17.8 2,270.1	21.0 2,674.3	22.3 2,840.0	25.4 3,231.3	27.4 3,487.2	29.8 3,801.3	31.1 3,956.1	33.4 4,260.8	33.9 4,321.0	41.4 5,277.9	44.7 5,690.2	49.8 6,346.0	59.2 7,539.8
127		16.5 2,099.4	18.8 2,388.9	22.1 2,815.7	23.5 2,990.8	26.7 3,404.7	28.9 3,675.7	31.5 4,008.7	32.8 4,172.8	35.3 4,496.4	35.8 4,560.4	43.8 5,579.5	47.3 6,020.1	52.8 6,723.0	62.9 8,011.1
139.7		18.2 2,318.8	20.7 2,640.3	24.5 3,114.9	26.0 3,310.0	29.6 3,771.8	32.0 4,074.6	34.9 4,447.6	36.4 4,631.7	39.2 4,995.1	39.8 5,067.1	48.8 6,217.8	52.7 6,718.3	59.0 7,521.0	70.7 9,008.5
141.3			21.0 2,671.9	24.7 3,152.6	26.3 3,350.2	30.0 3,818.0	32.4 4,124.9	35.3 4,502.8	36.8 4,689.5	39.7 5,058.0	40.3 5,130.9	49.4 6,298.3	53.4 6,806.3	59.8 7,621.5	71.7 9,134.2
146			21.7 2,764.9	25.6 3,263.3	27.2 3,468.3	31.0 3,953.9	33.5 4,272.6	36.6 4,665.3	38.1 4,859.3	41.2 5,242.5	41.7 5,318.4	51.3 6,534.5	55.5 7,064.7	62.1 7,916.8	74.6 9,503.3
152.4			22.7 2,891.6	26.8 3,414.1	28.5 3,629.2	32.5 4,138.9	35.1 4,473.6	38.4 4,886.4	40.0 5,090.5	43.1 5,493.9	43.8 5,573.8	53.8 6,856.2	58.2 7,416.5	65.3 8,318.9	78.5 10,006.0
159			23.7 3,022.2	28.0 3,569.6	29.8 3,795.0	34.0 4,329.6	36.7 4,681.0	40.1 5,114.5	41.8 5,328.9	45.2 5,753.0	45.8 5,837.1	56.4 7,188.0	61.1 7,779.4	68.6 8,733.6	82.6 10,524.3
168.3			25.2 3,206.3	29.7 3,788.8	31.6 4,028.8	36.1 4,598.4	39.0 4,973.1	42.7 5,435.9	44.5 5,664.9	48.0 6,118.3	48.7 6,208.2	60.1 7,655.4	65.1 8,290.7	73.1 9,318.0	88.3 11,254.8
177.8			26.6 3,394.3	31.5 4,012.6	33.5 4,267.5	38.3 4,873.0	41.4 5,271.6	45.2 5,764.2	47.2 6,008.1	51.0 6,491.3	51.7 6,587.2	63.8 8,133.0	69.2 8,813.0	77.8 9,914.9	94.2 12,000.9
181.8			27.3 3,473.5	32.2 4,106.8	34.3 4,368.1	39.2 4,988.6	42.4 5,397.3	46.3 5,902.4	48.3 6,152.7	52.2 6,648.4	53.0 6,746.8	65.4 8,334.0	70.9 9,032.9	79.8 10,166.2	
193.7					36.6 4,667.2	41.9 5,332.5	45.3 5,771.1	49.6 6,313.7	51.7 6,582.6	55.9 7,115.7	56.7 7,221.6	70.1 8,932.2	76.0 9,687.1	85.7 10,913.9	104.0 13,249.7
203					38.5 4,900.9	44.0 5,601.3	47.6 6,063.3	52.1 6,635.0	54.3 6,918.6	58.7 7,480.9	59.6 7,592.6	73.8 9,399.6	80.1 10,198.4	90.3 11,498.2	109.7 13,980.1
216					41.0 5,227.6	46.9 5,977.1	50.8 6,471.7	55.6 7,084.3	58.0 7,388.2	62.7 7,991.4	63.7 8,111.3	78.9 10,053.1	85.7 10,913.1	96.7 12,315.0	117.8 15,001.1
219.1					41.6 5,305.5	47.6 6,066.7	51.6 6,569.1	56.5 7,191.4	58.9 7,500.2	63.7 8,113.2	64.6 8,235.0	80.1 10,208.9	87.0 11,083.5	98.2 12,509.8	119.7 15,244.6
229					43.6 5,554.3	49.9 6,352.8	54.0 6,880.1	59.1 7,533.5	61.7 7,857.9	66.7 8,501.9	67.7 8,630.0	84.0 10,706.5	91.3 11,627.8	103.1 13,131.9	125.8 16,022.1
244.5					46.7 5,943.9	53.4 6,800.8	57.8 7,367.0	63.3 8,069.2	66.1 8,417.9	71.5 9,110.6	72.6 9,248.4	90.2 11,485.7	98.0 12,480.0	110.7 14,105.8	135.3 17,239.5
254					48.5 6,182.7	55.5 7,075.4	60.2 7,665.5	65.9 8,397.5	68.8 8,761.1	74.4 9,483.7	75.6 9,627.4	93.9 11,963.2	102.1 13,002.3		
273					52.3 6,660.2	59.9 7,624.5	64.9 8,262.4	71.1 9,054.1	74.2 9,447.6	80.3 10,229.8	81.5 10,385.5	101.4 12,918.2	110.3 14,046.8		

STEEL GRADE PROPERTIES

	Rm (Mpa)	Rp 0.2 (Mpa)	A% mini
S355J2H or S355J0H	470 - 630	≥ 355 (WT ≤ 16 mm) ≥ 345 (WT ≤ 40 mm)	≥ 22
MPV 80	≥ 690	≥ 560	≥ 10
MPV 110	≥ 860	≥ 760	≥ 10

TOLERANCES ON SIZE AND WEIGHT

OUTSIDE DIAMETER	±1%
WALL THICKNESS	-10% and -12.5% acc. to EN 10210-2
STRAIGHTNESS	Local straightness deviation: max. 3 mm per meter
LENGTH	<ul style="list-style-type: none"> Random length: min. 2,000 mm between minimum and maximum specified length Fixed length: -0/+100 mm
WEIGHT PER METER	-6% / +8% acc. to EN 10210-2