

Tabla 2. Velocidades de aceite recomendadas

Ø ext. tubo (mm)	Espesor (mm)	Sección interna (mm2)	Ø int. (mm)	Caudal de la línea (l/min)								Tamaño en pulgadas
				A 0.7 m/s	A 1.5 m/s	A 3 m/s	A 4.5 m/s	A 5 m/s	A 6 m/s	A 7.5 m/s	A 9 m/s	
20	2.0	201.1	16.0	8.4	18.1	36.2	54.3	60.3	72.4	90.5	108.6	
	2.5	176.7	15.0	7.4	15.9	31.8	47.7	53.0	63.6	79.5	95.4	
	3.0	153.9	14.0	6.5	13.9	27.7	41.6	46.2	55.4	69.3	83.1	
25	2.5	314.2	20.0	13.2	28.3	56.6	84.8	94.3	113.1	141.4	169.7	
	3.0	283.5	19.0	11.9	25.5	51.0	76.6	85.1	102.1	127.6	153.1	
	4.0	227.0	17.0	9.5	20.4	40.9	61.3	68.1	81.7	102.1	122.6	
30	3.0	452.4	24.0	19.0	40.7	81.4	122.2	135.7	162.9	203.6	244.3	
	4.0	380.1	22.0	16.0	34.2	68.4	102.6	114.0	136.9	171.1	205.3	
	5.0	314.2	20.0	13.2	28.3	56.6	84.8	94.3	113.1	141.4	169.7	
38	3.0	804.2	32.0	33.8	72.4	144.8	217.2	241.3	289.5	361.9	434.3	
	4.0	706.8	30.0	29.7	63.6	127.2	190.9	212.1	254.5	318.1	381.7	
	5.0	615.7	28.0	25.9	55.4	110.8	166.3	184.7	221.7	277.1	332.5	
42	3.0	1,017.8	36.0	42.8	91.6	183.2	274.8	305.4	366.4	458.0	549.7	
	4.0	907.9	34.0	38.1	81.7	163.4	245.1	272.4	326.9	408.6	490.3	
	5.0	804.2	32.0	33.8	72.4	144.8	217.2	241.3	289.5	361.9	434.3	
48.3	3.68	1,316.4	40.9	55.3	118.5	237.0	355.4	394.9	473.9	592.4	710.9	1 1/2" Sch. 40
50	3	1,520.5	44.0	63.9	136.9	273.7	410.5	456.2	547.4	684.2	821.1	
	5	1,256.6	40.0	52.8	113.1	226.2	339.3	377.0	452.4	565.5	678.6	
	6	1,134.1	38.0	47.6	102.1	204.1	306.2	340.2	408.3	510.4	612.4	
56	8.5	1,194.6	39.0	50.2	107.5	215.0	322.5	358.4	430.1	537.6	645.1	
60	3	2,290.2	54.0	96.2	206.1	412.2	618.4	687.1	824.5	1,030.6	1,236.7	
	5	1,963.4	50.0	82.5	176.7	353.4	530.1	589.1	706.9	883.6	1,060.3	
	6	1,809.5	48.0	76.0	162.9	325.7	488.6	542.9	651.4	814.3	977.2	
60.3	3.91	2,163.0	52.5	90.9	194.7	389.4	584.0	648.9	778.7	973.4	1,168.1	2" Sch. 40
66	8.5	1,885.7	49.0	79.2	169.7	339.4	509.2	565.7	678.9	848.6	1,018.3	
	5.16	3,085.6	62.7	129.6	277.7	555.4	833.1	925.7	1,110.8	1,388.6	1,666.3	2 1/2" Sch. 40
73	7.01	2,732.0	59.0	114.8	245.9	491.8	737.7	819.6	983.6	1,229.5	1,475.3	2 1/2" Sch. 80
	3	3,739.2	69.0	157.1	336.5	673.1	1,009.6	1,121.8	1,346.1	1,682.7	2,019.2	
75	5	3,318.2	65.0	139.4	298.7	597.3	895.9	995.5	1,194.6	1,493.2	1,791.9	
	10	2,827.4	60.0	118.8	254.5	508.9	763.4	848.2	1,017.9	1,272.3	1,526.8	
88.9	5.49	4,768.4	77.9	200.3	429.2	858.3	1,287.5	1,430.6	1,716.7	2,145.9	2,575.0	3" Sch. 40
	7.67	4,249.7	73.6	178.5	382.5	765.0	1,147.5	1,275.0	1,529.9	1,912.4	2,294.9	3" Sch. 80
90	3.5	5,410.4	83.0	227.3	487.0	973.9	1,460.9	1,623.2	1,947.8	2,434.8	2,921.7	
	5	5,026.4	80.0	211.1	452.4	904.8	1,357.2	1,508.0	1,809.6	2,261.9	2,714.3	
97	12	4,185.3	73.0	175.8	376.7	753.4	1,130.1	1,255.6	1,506.7	1,883.4	2,260.1	
114.3	6.02	8,212.8	102.3	345.0	739.2	1,478.3	2,217.5	2,463.9	2,956.7	3,695.8	4,435.0	4" Sch. 40
	17.12	5,033.9	80.1	211.4	453.1	906.1	1,359.2	1,510.2	1,812.3	2,265.3	2,718.4	4" Sch. xxs
115	4	8,991.8	107.0	377.7	809.3	1,618.6	2,427.8	2,697.6	3,237.1	4,046.4	4,855.7	
	15	5,674.3	85.0	238.3	510.7	1,021.4	1,532.1	1,702.4	2,042.8	2,553.5	3,064.2	
141.3	6.55	12,907.8	128.2	542.1	1,161.7	2,323.5	3,485.2	3,872.5	4,647.0	5,808.7	6,970.4	5" Sch. 40
	19.05	8,364.4	103.2	351.3	752.8	1,505.6	2,258.5	2,509.4	3,011.3	3,764.1	4,516.9	5" Sch. xxs
168.3	7.11	18,645.3	154.1	783.1	1,678.1	3,356.3	5,034.4	5,593.8	6,712.5	8,390.6	10,068.8	6" Sch. 40
	21.95	12,154.0	124.4	510.5	1,093.9	2,187.8	3,281.7	3,646.3	4,375.6	5,469.4	6,563.3	6" Sch. xxs
219.1	8.18	32,281.7	202.7	1,355.9	2,905.4	5,810.9	8,716.3	9,684.8	11,621.7	14,527.2	17,432.6	8" Sch. 40
	23.01	23,527.2	173.1	988.2	2,117.5	4,235.0	6,352.5	7,058.4	8,470.1	10,587.6	12,705.1	8" Sch. 160