

TUBERÍAS LISAS HDPE

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Emaresa incorpora a su línea de productos, las tuberías de lisas HDPE. Una solución para el transporte de fluidos gravitacionales para la minería, agricultura, desagüe en instalaciones sanitarias entre muchas otras aplicaciones. Se fabrican con polietileno de alta densidad, bajo procesos de extrusión de pared simple y coextrusión de pared doble, permitiendo por este medio producir tuberías de pared estructurada de alta rigidez, con una capa interior lisa y una capa exterior corrugada.



TABLA DE DIMENSIONES TUBERÍAS HDPE PE100, SEGÚN NORMA ISO 4427 / 2007 Y NCH 398/1 (tensión admisible 80kg/cm²)

DN	SDR 41	SDR 33	SDR 26	SDR 21	SDR 17	SDR 13.6	SDR 11	SDR 9	SDR 7.4
PE100	PN4	PN5	PN6	PN8	PN10	PN12.5	PN16	PN20	PN25
Espesor / Peso mm/kg/m									
20/1/2"							2.0/0.12	2.30/0.13	3.0/0.16
25/3/4"						2.0/0.15	2.3/0.17	3.0/0.21	3.5/0.24
32/1"					2.00/0.19	2.40/0.23	3.00/0.28	3.60/0.33	4.40/0.39
40/1.1/4"				2.00/0.25	2.40/0.29	3.00/0.36	3.70/0.43	4.50/0.51	5.50/0.61
50/1.1/2"			2.00/0.31	2.40/0.37	3.00/0.45	3.70/0.55	4.60/0.67	5.60/0.79	6.90/0.94
63/2"			2.50/0.49	3.00/0.58	3.80/0.72	4.70/0.88	5.80/1.06	7.10/1.27	8.60/1.48
75/2.1/2"			2.90/0.67	3.60/0.83	4.50/1.02	5.60/1.24	6.80/1.48	8.40/1.78	10.30/2.12
90/3"			3.50/0.98	4.30/1.19	5.40/1.47	6.70/1.78	8.20/2.14	10.10/2.57	12.30/3.03
110/4"			4.20/1.44	5.30/1.78	6.60/2.18	8.10/2.64	10.00/3.18	12.30/3.82	15.10/4.54
125/5"			4.80/1.85	6.00/2.28	7.40/2.78	9.20/3.40	11.40/4.12	14.00/4.94	17.10/5.84
140/5.1/2"			5.40/2.34	6.70/2.86	8.30/3.49	10.30/4.26	12.70/5.13	15.70/6.18	19.20/7.34
160/6"			6.20/3.06	7.70/3.74	9.50/4.56	11.80/5.56	14.60/6.74	17.90/8.05	21.90/9.56
180/7"			6.90/3.81	8.60/4.71	10.70/5.77	13.30/7.06	16.40/8.52	20.10/10.19	24.60/12.08
200/8"			7.70/4.73	9.60/5.83	11.90/7.12	14.70/8.65	18.20/10.50	22.40/12.60	27.40/14.94
225/9"			8.60/5.94	10.80/7.37	13.40/9.03	16.60/10.99	20.50/13.30	25.20/15.95	30.80/18.89
250/10"			9.60/7.37	11.90/9.02	14.80/11.06	18.40/13.54	22.70/16.35	27.90/19.60	34.20/23.32
280/11"			10.70/9.19	13.40/11.38	16.60/13.90	20.60/16.96	25.40/20.50	31.30/24.64	38.30/29.24
315/12"	7.70/7.57	9.70/9.45	12.10/11.70	15.00/14.30	18.70/17.60	23.20/21.50	28.60/25.95	35.20/31.16	43.10/37.01
355/14"	8.70/9.63	10.90/11.95	13.60/14.79	16.90/18.16	21.10/22.40	26.10/27.25	32.20/32.94	39.70/39.58	48.50/46.93
400/16"	9.80/12.20	12.30/15.22	15.30/18.75	19.10/23.16	23.70/28.31	29.40/34.56	36.30/41.82	44.70/50.21	54.70/59.60
450/18"	11.00/15.38	13.80/19.17	17.20/23.71	21.50/29.28	26.70/35.87	33.10/43.78	40.90/52.96	50.30/63.57	61.50/75.40
500/20"	12.30/19.15	15.30/23.64	19.10/29.25	23.90/36.13	29.70/44.32	36.80/54.02	45.50/65.34	55.80/78.33	
560/22"	13.70/23.85	17.20/29.75	21.40/36.67	26.70/45.22	33.20/55.52	41.20/67.77	50.80/81.86	62.50/98.28	
630/24"	15.40/30.17	19.30/37.53	24.10/46.46	30.30/57.12	37.40/70.32	46.30/85.66	57.20/103.97	70.30/124.37	
710/28"	17.40/38.45	21.80/47.78	27.20/59.15	33.90/72.85	42.10/89.37	52.20/109.00	64.50/131.97	79.30/158.33	
800/32"	19.60/48.76	24.50/60.52	30.60/74.91	38.10/92.34	47.40/113.32	58.80/138.26	72.60/167.36	89.30/200.89	
900/36"	22.00/61.50	27.60/76.66	34.40/95.13	42.90/116.83	53.30/143.35	66.20/175.16	81.70/211.85		
1.000/40"	24.50/76.15	30.60/94.00	38.20/116.91	47.70/144.34	59.30/177.16	72.50/213.34	90.20/260.09		
1.200/48"	29.40/109.63	36.70/135.83	45.90/168.39	57.20/207.76	67.90/244.03	88.20/311.08			
1.400/54"	34.30/149.18	42.90/185.15	53.50/229.03	66.70/282.49	82.40/344.68	102.90/423.24			
1.600/64"	39.20/194.82	49.00/241.63	61.20/299.43	76.20/368.91	94.10/449.89	117.60/552.83			
1.800/70"	43.80/244.72	54.50/30.56	69.10/380.25	85.70/466.60	105.90/569.33				
2.000/78"	48.30/301.45	60.60/373.72	76.90/469.88	95.20/576.01	117.60/702.55				

TABLA DE DIMENSIONES TUBERÍAS HDPE PE80, SEGÚN NORMA ISO 4427 / 2007 Y NCH 398/1 (tensión admisible 63kg/cm²)

DN	SDR 41	SDR 33	SDR 26	SDR 21	SDR 17	SDR 13.6	SDR 11	SDR 9	SDR 7.4
PE100	PN4	PN5	PN6	PN8	PN10	PN12.5	PN16	PN20	PN25
Espesor / Peso mm/kg/m									
20/1/2"							2.0/0.10	2.30/0.10	3.0/0.20
25/3/4"						2.0/0.10	2.3/0.20	3.0/0.20	3.5/0.20
32/1"					2.00/0.20	2.40/0.20	3.00/0.30	3.60/0.30	4.40/0.40
40/1.1/4"				2.00/0.20	2.40/0.30	3.00/0.40	3.70/0.40	4.50/0.50	5.50/0.60
50/1.1/2"			2.00/0.30	2.40/0.40	3.00/0.50	3.70/0.60	4.60/0.70	5.60/0.80	6.90/0.90
63/2"			2.50/0.50	3.00/0.60	3.80/0.70	4.70/0.90	5.80/1.10	7.10/1.30	8.60/1.50
75/2.1/2"			2.90/0.70	3.60/0.80	4.50/1.10	5.60/1.20	6.80/1.50	8.40/1.80	10.30/2.10
90/3"			3.50/1.00	4.30/1.20	5.40/1.50	6.70/1.80	8.20/2.10	10.10/2.60	12.30/3.00
110/4"			4.20/1.40	5.30/1.80	6.60/2.20	8.10/2.60	10.00/3.20	12.30/3.80	15.10/4.50
125/5"			4.80/1.90	6.00/2.30	7.40/2.80	9.20/3.40	11.40/4.10	14.00/4.90	17.10/5.80
140/5.1/2"			5.40/2.30	6.70/2.90	8.30/3.50	10.30/4.30	12.70/5.10	15.70/6.20	19.20/7.34
160/6"			6.20/3.10	7.70/3.70	9.50/4.60	11.80/5.60	14.60/6.70	17.90/8.10	21.90/9.60
180/7"			6.90/3.80	8.60/4.70	10.70/5.80	13.30/7.10	16.40/8.50	20.10/10.20	24.60/12.10
200/8"			7.70/4.70	9.60/5.80	11.90/7.10	14.70/8.70	18.20/10.50	22.40/12.60	27.40/14.90
225/9"			8.60/5.90	10.80/7.40	13.40/9.00	16.60/11.00	20.50/13.30	25.20/15.90	30.80/18.90
250/10"			9.60/7.40	11.90/9.00	14.80/11.10	18.40/13.540	22.70/16.40	27.90/19.60	34.20/23.30
280/11"			10.70/9.20	13.40/11.40	16.60/13.90	20.60/17.00	25.40/20.50	31.30/24.60	38.30/29.20
315/12"	7.70/7.60	9.70/9.50	12.10/11.70	15.00/14.30	18.70/17.60	23.20/21.50	28.60/25.90	35.20/31.20	43.10/37.00
355/14"	8.70/9.60	10.90/12.00	13.60/14.80	16.90/18.20	21.10/22.40	26.10/27.30	32.20/32.90	39.70/39.60	48.50/46.90
400/16"	9.80/12.20	12.30/15.20	15.30/18.80	19.10/23.20	23.70/28.30	29.40/34.60	36.30/41.80	44.70/50.20	54.70/59.60
450/18"	11.00/15.40	13.80/19.20	17.20/23.70	21.50/29.30	26.70/35.90	33.10/43.80	40.90/53.00	50.30/63.60	61.50/75.40
500/20"	12.30/19.20	15.30/23.60	19.10/29.30	23.90/36.10	29.70/44.30	36.80/54.00	45.50/65.30	55.80/78.30	
560/22"	13.70/23.80	17.20/29.80	21.40/36.70	26.70/45.20	33.20/55.50	41.20/67.80	50.80/81.90	62.50/98.30	
630/24"	15.40/30.20	19.30/37.50	24.10/46.50	30.30/57.10	37.40/70.30	46.30/85.70	57.20/103.70	70.30/124.40	
710/28"	17.40/38.50	21.80/47.80	27.20/59.10	33.90/72.80	42.10/89.40	52.20/109.00	64.50/132.00	79.30/158.3	
800/32"	19.60/48.80	24.50/60.50	30.60/74.90	38.10/92.30	47.40/113.30	58.80/138.30	72.60/167.40	89.30/200.90	
900/36"	22.00/61.50	27.60/76.70	34.40/95.10	42.90/116.80	53.30/143.30	66.20/175.20	81.70/211.80		
1.000/40"	24.50/76.20	30.60/94.00	38.20/116.90	47.70/144.30	59.30/177.20	72.50/213.30	90.20/260.10		
1.200/48"	29.40/109.60	36.70/135.80	45.90/168.40	57.20/207.80	67.90/244.00	88.20/311.10			
1.400/54"	34.30/149.20	42.90/185.10	53.50/229.00	66.70/282.50	82.40/344.70	102.90/423.20			
1.600/64"	39.20/194.80	49.00/241.60	61.20/299.40	76.20/368.90	94.10/449.90	117.60/552.80			
1.800/70"	43.80/244.70	54.50/302.60	69.10/380.20	85.70/466.60	105.90/569.30				
2.000/78"	48.30/301.20	60.60/373.70	76.90/469.90	95.20/576.00	117.60/702.60				

