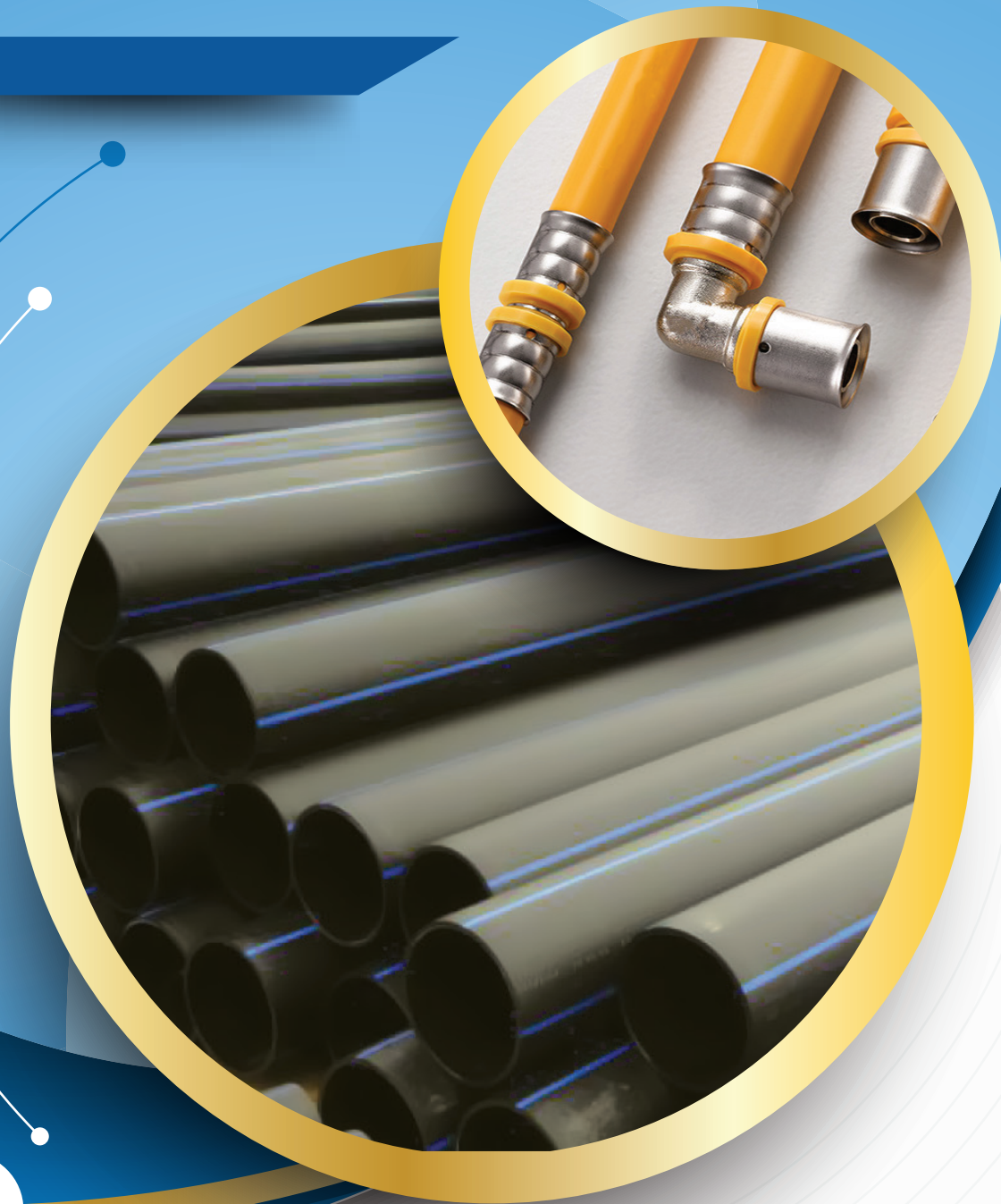




Al-Nour For HDPE PIPE SYSTEM

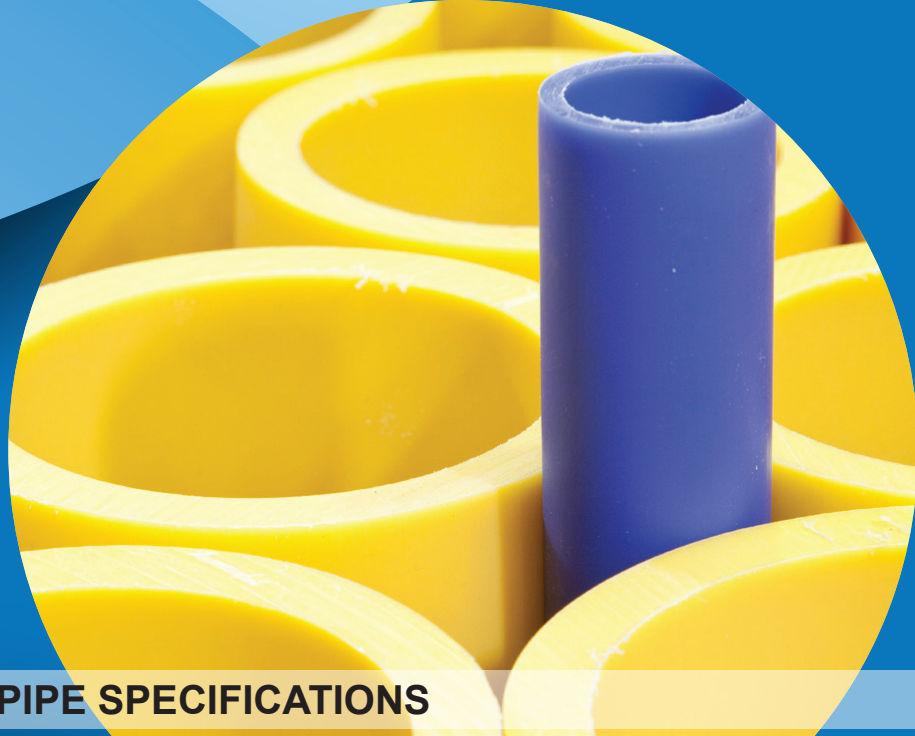


HPDE Pipe

HPDE Pipe made of polyethylene its a cover wide range pipping application in industrial, marine, mining, and agricultural applictaions. It has been tested and proven above ground, sufrage, burried, floating, and sub-surface mariane applications. High-density polyethlene pipe (HPDE) can carry potable water, wastewater, chemicals, and compr-essed gases. Polyethylene is strong, extremely tough and very durable.

HDPE PIPE SPECIFICATIONS

Nonimal diameter DN (mm)	Nominal Wall Thickness (mm)									
	SDR26		SDR21		SDR17		SDR13.6		SDR11	
	PE 100 (Nominal Pressure)									
	PN6		PN8		PN10		PN12.5		PN16	
D (mm)	S (mm)	W (kg/m)	S (mm)	W (kg/m)	S (mm)	W (kg/m)	S (mm)	W (kg/m)	S (mm)	W (kg/m)
75	2.9	0.660	3.6	0.810	4.5	1.000	5.6	1.220	6.8	1.460
90	3.5	0.950	4.3	1.160	5.4	1.440	6.7	1.760	8.2	2.110
110	4.2	1.400	5.3	1.750	6.6	2.150	8.1	2.600	10.0	3.150
125	4.8	1.810	6.0	2.250	7.4	2.740	9.2	3.360	11.4	4.080
140	5.4	2.280	6.7	2.810	8.3	3.440	10.3	4.210	12.7	5.090
160	6.2	2.990	7.7	3.690	9.5	4.500	11.8	5.510	14.6	6.690
180	6.9	3.750	8.6	4.640	10.7	5.710	13.3	6.980	16.4	8.450
200	7.7	4.650	9.6	5.760	11.9	7.050	14.7	8.580	18.2	10.420
225	8.6	5.84	10.8	7.290	13.4	8.930	16.6	10.900	20.5	13.210
250	9.6	7.250	11.9	8.930	14.8	10.970	18.4	13.420	22.7	16.250
280	10.7	9.050	13.4	11.250	16.6	13.770	20.6	16.830	25.4	20.370
315	12.1	11.51	15.0	14.180	18.7	17.450	23.2	21.33	28.6	25.800
355	13.6	14.580	16.9	18.000	21.1	22.190	26.1	27.040	32.2	32.740
400	15.3	18.480	19.1	22.920	23.7	28.090	29.4	34.320	36.3	41.590
450	17.2	23.370	21.5	29.020	26.7	35.600	33.1	43.470	40.9	52.710
500	19.1	28.840	23.9	35.850	29.7	44.000	36.8	53.700	45.4	65.020
560	21.4	36.190	26.7	44.860	33.2	55.100	41.2	67.330	50.8	81.490
630	24.1	45.850	30.0	56.700	37.4	69.820	46.3	85.140	57.2	103.210
710	27.2	58.320	33.9	72.200	42.1	88.580	52.2	108.170	64.5	131.160
800	30.6	73.930	38.1	91.450	47.4	112.320	58.8	137.300	72.8	166.770
900	34.4	93.500	42.9	115.830	53.3	142.170	66.2	173.890	81.7	219.0
1000	38.2	115.37	47.7	143.100	59.3	175.730	73.5	214.520	9.8	271
1200	45.9	166.340	57.2	205.930	70.6	261.190	88.2	316	-	-
1400	53.5	226.200	66.7	280.150	82.4	342.020	102.9	430	-	-
1600	61.2	295.710	76.2	365.790	94.1	446.410	117.5	561	-	-



HDPE PIPE SPECIFICATIONS

Nominal Outside diameter (size) (d)	Mean outside diameter (de) mm		Wall thicknesses SDR 11 mm	
	minimum	maximum	minimum	maximum
mm				
16*	16	16.3	2.3	2.7
20*	20	20.3	2.3	2.7
25	25	25.3	2.3	2.7
32	32	32.3	3.0	3.4
50	50	50.4	4.6	5.2
63	63	63.4	5.8	6.5
75	75	75.5	6.8	7.6
90	90	90.6	8.2	9.2
125	125	125.8	11.4	12.7
140	140	140.9	12.7	14.1
180	180	181.1	16.4	18.2
200	200	201.2	18.2	20.2
250	250	251.5	22.7	25.1
280	280	281.7	25.4	28.1
315	315	316.9	28.6	31.6
355	355	357.2	32.3	35.7
400	400	402.4	36.4	40.2
500	500	503.0	45.5	50.2



Al-Nour For HDPE PIPE SYSTEM



Features

- High corrosion resistance, resulting into a longer life.
- High impact strength.
- Extremely light weight and hence easy to handle.
- High flexibility.
- Excellent flow characteristics leading to significant energy saving.
- Earthquake resistance.
- No infiltration, helps maintaining the quality to fluids being conveyed.
- No trenches needed, resulting into easy and economical installation.
- High UV resistance to scaling and biological build up.
- Allows fusion to eliminate leakages.

HDPE PE100 POLYETHELENE PIPE (SOILD WALL)

Pipes are available in 6 and 12 meter straight length, other lengths can be supplied to order.

Pipes up to 110mm OD are also available in coils of 50m and 100m and can be supplied in longer length on drum.

Pipe can be extruded with four co-axial stripes. Pipes are manufactured according to DIN 8074 and DIN 8075.

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 **شركة النور لتشغيل وتشكيل المعادن**

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