



# **HDPE PIPE (GULFPIPE) TECHNICAL SPECIFICATIONS**



**HDPE PIPE<sup>®</sup>**

**HS CODE 39173000**



## HDPE Pipe

High density poly ethylene pipes (HDPE) delivers exceptional value, unwavering reliability and remarkable advantage over conventional types of piping. Its today's right choice for irrigation, water transportation, drainage, conduit and plumbing.

### APPLICATION

- ✓ Micro & sprinkler irrigation system
- ✓ Water main schemes
- ✓ Potable water houses connections
- ✓ Sewerage pumping and effluent disposal system
- ✓ Agricultural piping
- ✓ Drainage system



### FEATURES & PRODUCTION RANGE

- ✓ Manufactured from virgin pipe grade raw material (PE-63, PE-80, PE-100)
- ✓ Excellent corrosion and chemical resistance. Inert to most acidic and alkaline solution
- ✓ Light weight
- ✓ Smooth inner walls minimized frictional losses
- ✓ Manufactured as per ISO-4427 & DIN 8074 / 75 standard in PE-63, PE-80, PE-100 grades
- ✓ Manufactured from 25mm up to 110 mm sizes at various pressure rating from 4.0 to 20 kg/cm<sup>2</sup> (58 to 290 psi)
- ✓ Pipes straight length 6-12 M for higher sizes or 50 M coil length. Smaller diameter of pipes are wound into coils standardly in the length

#### PE80:HDPE PIPE

Nominal Outside Diameter (DN)	Mean Outside Diameter (Dm)	Ovality	code	SDR21 (PN6.3BAR)				SDR13.6 (PN10BAR)				
				Wall Thickness (T)		Nominal Weight (kg/100m)		Wall Thickness (T)		Nominal Weight (kg/100m)		
				Min	Max	Min	Max	Min	Max	Min	Max	
16	16.3	1.2	HD8001606					HD8001610				
20	20.3	1.2	HD8002006					HD8002010	1.6	1.9	9.6	
25	25.3	1.2	HD8002506					HD8002510	1.9	2.2	14	14.4
32	32.3	1.3	HD8003206	1.6	1.9	15.8	18	HD8003210	2.4	2.8	22.8	23.2
40	40.4	1.4	HD8004006	1.9	2.2	23.2	25	HD8004010	3	3.4	35.2	35.8
50	50.5	1.4	HD8005006	2.4	3.4	36	37	HD8005010	3.7	4.2	54.2	54.9
63	63.6	1.5	HD8006306	3	3.4	57	58	HD8006310	4.7	5.3	86.5	87.3
75	75.7	1.6	HD8007506	3.6	4.1	81.7	83	HD8007510	5.5	6.2	121	124
90	90.9	1.8	HD8009006	4.3	4.9	117	118	HD8009010	6.6	7.4	173	177
110	111	2.2	HD8011006	5.3	6	176	177	HD8011010	10.3	9.1	260	262

#### PE80:HDPE PIPE

Nominal Outside Diameter (DN)	Mean Outside Diameter (Dm)	Ovality	code	SDR9 (PN16BAR)				SDR7.4 (PN20BAR)				
				Wall Thickness (TMM)		Nominal Weight (kg/100m)		Wall Thickness (TMM)		Nominal Weight (kg/100m)		
				Min	Max	Min	Max	Min	Max	Min	Max	
16	16.3	1.2	HD8001616	1.8	2.1	8.3	9	HD8001620	2.2	2.6	9.8	10.2
20	20.3	1.2	HD8002016	2.3	2.7	13.1	14	HD8002020	2.8	3.2	16.3	16.8
25	25.3	1.2	HD8002516	2.8	3.2	19.7	20	HD8002520	3.5	4	23.8	24
32	32.3	1.3	HD8003216	3.6	4.1	32.3	32.7	HD8003220	4.4	5	38.3	38.6
40	40.4	1.4	HD8004016	4.5	5.1	50.4	50.9	HD8004020	5.5	6.2	59	60
50	50.5	1.4	HD8005016	5.6	6.3	78.3	78.8	HD8004020	6.9	7.7	93	93.8
63	63.6	1.5	HD8006316	7.1	8	125	126	HD8006320	8.6	9.6	146	147
75	75.7	1.6	HD8007516	8.4	9.4	175	176	HD8007520	10.3	12	208	209
90	90.9	1.8	HD8009016	10.1	11.3	253	254	HD8009020	12.3	14	299	300
110	111	2.2	HD8011016	12.3	13.7	376	378	HD8011020	15.1	17	447	449