

## **NATURAL GAS PIPES**

### **APPLICATION AREAS**

Residential and Industrial Natural Gas Installations

LPG Installations

Transmission of All Kinds of Combustible and Explosive Gases

Transmission of Petroleum and Petroleum Derivatives.

### **PRODUCTION STANDARDS**

EN 10217-1 (TS EN 10217-1): P 195 TR1/TR2, P 235 T1/TR2, P 265 TR1/TR2

EN 10217-2 (TS EN 10217-2) : P 195 GH / P235 GH / P 265 GH / 16 Mo 3

EN 10255 : S 195 T

SI 103 : S 332, S 414

BS 4360 : 40 A, 43 A

SI 530 : 530 A, 530 B, 530/42

EN 10224 : L235,L275,L355

#### **Production Range:**

- Outer diameter: Between 21.3 mm - 323.9 mm
- Wall thickness: Between 2 mm and 10 (13) mm.
- Height:

1/2'' - 3'' = 5 - 8 m (1/2" - 1 1/2" = 4 - 8.5 m)

6'' - 10'' = 5 - 13 m (2 " - 6" = 5 - 14 m) (6" - 12" = 5 - 14.6 m)

#### **Production Standards:**

API 5L PSL 1

API 5L PSL 2

API 5L PSL 2(Sour Service)

API 5L PSL 2(Offshore Service)

TS 6047-1 EN 10208-1 (EN 10208-1)

TS 6047-2 EN 10208-2 (EN 10208-2)

## **ERW POLYETHYLENE COATED NATURAL GAS PIPE**

Production Range:

Outer diameter: Between 21.3 mm and 323.9 mm

- Produced according to API 5L standard for natural gas pipes
- Natural gas installation pipes are manufactured with welding ends.
- Pipes are coated with varnish;
- Ultrasonic and Eddy Current non-destructive tests are used. It is tested twice.
- All pipes are checked for leaking by means of 100% hydrostatic pressure test and magnetic test
- and controlled whether there is any error in the metallographic structure of the pipe.

Coating Features:

Production Standards:

DIN 30670 AND UNI 9099

## **SPIRAL WELDED NATURAL GAS PIPE**

Production Range:

- Outer diameter: Between 355.6 mm and 2540 mm
- Wall thickness: Between 4.5 mm - 23 mm
- Height: It can be delivered in desired length between 6 - 16 m according to customer demand.

### Coating Features:

- Surface preparation (DIN 55928, SIS 55900)
- Epoxy coating (AWWA C 203, DIN 30673, TS 4356, TS 4357)
- Concrete coating (AWWA C 205, DIN 2614, BS 534, TS 8590)
- Polyethylene coating (DIN 30670) , TS 5139, NF A 49-710, UNI 9099)
- Flow coat inner epoxy coating (API RP 5 L2)
- Fosion bonded epoxy coating (AWWA C 213)
- Polyurethane coating (BSS 5493)

### Production Standards:

API 5L, TS 6047, DIN 17172, GOST 20195

DOĞAL GAZ BORULARI / TS EN 10208-2				
ANMA ÇAPI	EBATLAR		FİYAT ( TL/m )	
	DIŞ ÇAP (mm)	ET KALINLIĞI (mm)	VERNİKLİ D. GAZ BORULARI	PE KAPLI D. GAZ BORULARI
1/2"	21,30	2,80	3,97	8,22
3/4"	26,70	2,90	5,29	10,03
1"	33,40	3,40	7,81	13,50
1 1/4"	42,40	3,60	9,78	16,82
1 1/2"	48,30	3,70	11,64	19,98
2"	60,30	3,90	15,50	25,53
2 1/2"	73,00	5,20	24,82	38,92
3"	88,90	5,50	32,30	48,37
4"	114,30	6,00	48,78	68,98
5"	141,00	6,60	66,57	94,15
6"	168,30	7,10	85,91	118,26
8"	219,10	8,18	129,51	178,24
10"	273,00	9,27	192,39	261,22
12"	323,90	9,50	235,04	319,13

- Tüm D. Gaz borularımız, GrB Hammadde ile üretilmektedir.
- Normalize edilmiştir, iç çapaksızdır, korozyon dayanımı yüksektir.
- PE Kaplı D. Gaz borularımız, DIN 30670 normuna göre normal kalınlıkta, orta yoğunlukta polietilen kaplamalıdır.