



**TIANJIN YOUFA STEEL PIPE GROUP CO.,LTD**  
**TIANJIN YOUFA INTERNATIONAL TRADE CO.,LTD**

**ADD:NO. 4 Anshun Building, Dafeng Road (Aqua City ), Hongqiao Distr., Tianjin City, China**

## TECHNICAL DATA SHEET

FOR ASTM A 53 SCH 40 GALVANIZED SEAMLESS PIPES,THREADED WITH COUPLING & END CAPS

### General Properties

- ASTM A53 Seamless Pipe also be called as A53 Type S
- ASTM A53 SCH40 Galvanized Seamless Pipe is a a general, all-purpose pipe used in generator plants, refineries, compressor stations, natural gas transmission, and steam conduction.
- It have SCH40 Standard Wall thickness and the Seamless construction have superior advantage for high pressure gas transmission, no leak
- Hot dipped Galvanzied exterior and interior to increase corrosion resistance and protect the rust
- Pipe in length of 5.8 meters and both sides with NPT threaded, one side is coupled and another side is cap protected

### Weight and Dimensions

Trade Size	DN	Average Outside Diameter		Average Wall thickness		Nominal Weight (Mass) per Unit Length		Qauntity per bundle
NPS	Designator	inch	mm	inch	mm	lb/ft	kg/m	pcs
1/2"	15	0.840	21.3	0.109	2.77	0.86	1.27	169
3/4"	20	1.050	26.7	0.113	2.87	1.14	1.69	127
1"	25	1.315	33.4	0.133	3.38	1.69	2.50	91
1-1/4"	32	1.660	42.2	0.140	3.56	2.28	3.40	61
1-1/2"	40	1.900	48.3	0.145	3.68	2.74	4.04	61
2"	50	2.375	60.3	0.154	3.91	3.68	5.46	37
2-1/2"	65	2.875	73	0.203	5.16	5.85	8.67	37
3"	80	3.500	88.9	0.216	5.49	7.68	11.35	37
3-1/2"	90	4.000	101.6	0.226	5.74	9.27	13.71	19
4"	100	4.500	114.3	0.237	6.02	10.92	16.23	19

### Mechanical Properties - Tensile Requirement

Seamless pipe	Grade A	Grade B
Tensile strength, Min, PSI	48000	60000
Yield Strength, Min, PSI	30000	35000

### Chemical Specification

Grade	C max %	Mn Max %	P Max %	S Max %
Grade A	0.25	0.95	0.05	0.045
Grade B	0.3	1.20	0.05	0.045

### Permissible Variations / Tolarence

- Wall Thickness: The minimum Wall thickness at any point shall not be more than 12.5% under the nominal wall thickness specified
- Weight : +/- 10%
- Outside Diameter at any point shall not vary from Standard specified more than
- 1.1/2" and smaller: +/- 1/64" , 2" or larger: +/- 1%

**Zinc Coating:** Galvanzied as per ASTM A90/A90M with min 490g/m2, and average 550g/m2

**Marking :** Each Pipe stencil with manufacturer mark: YF, and also ASTM A53 SCH40 GALV SEAMLESS, SIZE, LENGTH, HT NO.

**Packing:** by bundles

**Product picture:**

