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 RED PAINTED WELDED STEEL PIPES,PLAIN ENDS

General Properties

- ASTM A53 Welded Pipe also be called as A53 Type E
- ASTM A53 SCH40 RED Painted Welded Pipe is a a general, all-purpose pipe mainly used in fire fighting, building construction pipeline
- Pipe in length of 5.8 meters and both sides plain ends

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	217
3/4"	20	1.050	26.7	0.113	2.87	1.14	1.69	169
1"	25	1.315	33.4	0.133	3.38	1.69	2.50	127
1-1/4"	32	1.660	42.2	0.140	3.56	2.28	3.40	91
1-1/2"	40	1.900	48.3	0.145	3.68	2.74	4.04	91
2"	50	2.375	60.3	0.154	3.91	3.68	5.46	61
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
4"	100	4.500	114.3	0.237	6.02	10.92	16.23	19

Mechanical Properties - Tensile Requirement

Welding 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 / Tolerence

- 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%

Painting: RAL3000 RED coating

Marking : Each Pipe stencile with manufacturer mark: YF, and also ASTM A53 SCH40 RED, SIZE, LENGTH, HT NO.

Packing: by bundles

Product picture: