

MAJOR PRODUCTION USAGE

12

13

Type of pipes		Similar specification				Application
Type	Manufacturing method	Korea	Japan	U.S.A	U.K / Others	
Steel pipes for ordinary piping	ERW	Carbon steel pipes for ordinary piping (KS D 3507/SPP)	Carbon steel pipes for ordinary piping (JIS G 3452/SGP)	ASTM A53	BS 1387 EN10255 ISO65	Steel pipes for steam, air, water, oil and gas etc. with relatively low pressure
	ERW	Galvanized steel pipes for water service (KS D 3537/SPPW)	Galvanized steel pipes for water service (JIS G 3442/SGPW)	ASTM A53	BS 1387 EN10255 ISO65	Steel pipes for water supply with 100m or less at water head
	ERW Spiral Roll bending	Coated steel pipes for water works (KS D 3565/STWW) Fittings of coated steel pipes for water works (KS D 3578)	-	AWWA C200, C203	-	Steel pipes for water works
	Spiral Roll bending	Arc welded carbon steel pipes (KS D 3583/SPW)	Arc welded carbon steel pipes (JIS G 3457/STPY)	ASTM A 134, A139, A671, A672	-	Steel pipes for steam, air, water, oil and gas etc. With relatively low pressure
Steel pipes for pressure service	ERW and SAW	Carbon steel pipes for pressure service (KS D 3562/SPPS)	Carbon steel pipes for pressure service (JIS G 3454/STPG)	ASTM A53 API 5L	BS 3601 EN10217-1 ISO9330-1	Steel pipes for application at a temperature of 350° C or less
	Roll bending	Arc welded carbon steel pipes (KS D 3583/SPW)	Arc welded carbon steel pipes (JIS G 3457/STPY)	-	-	Piping for steam, water, gas, air of comparatively low working pressure.
Steel pipes for structural purposes	ERW	Carbon steel tubes for machine structural purposes (KS D 3517/STKM)	Carbon steel tubes for machine structural purposes (JIS G 3445/STKM)	ASTM A513	BS 980 BS 1717 BS 1775	Steel pipes for application for mechanical Parts such as machinery, automobiles, bicycles, furniture and fixtures etc.
	ERW Spiral Roll bending	Carbon steel tubes for machine structural purposes (KS D 3566/STK)	Carbon steel tubes for general structural purposes (JIS G 3444/STK)	ASTM A500	BS 980 BS 1139 BS 4848	Steel pipes for application for structures such as civil works, architecture, steel tower, scaffolding, piles, veranda and fence and post etc.
	ERW	Carbon steel square pipes for general structural purposes (KS D 3568/SPSR)	Carbon steel square pipes for general structural purposes (JIS G 3466/STKR)	ASTM A500	BS 4848	Steel pipes for application for civil works, architecture and other structures
	ERW Roll bending	Steel pipe piles (KS F 4602)	Steel pipe piles (JIS A 5525/SKK)	ASTM A252	-	Steel pipes for foundation civil works, architectures etc.
	Spiral Roll bending	-	-	Fabrication of structural steel pipe (API 2B)	-	Offshore structure. Piping and main structural members
Line pipe	ERW Roll bending	-	-	API 5L (GR, A, B, X42, X46, X52, X56, X60, X65, X70, X80)	-	Steel pipes for transportation petroleum and natural gas
OCTG	ERW	-	-	API 5CT (H40, J55, K55, N80)	-	Steel pipes for development for petroleum and natural gas
Conduits	ERW	Rigid steel conduits (KS C 8401)	Rigid steel conduits (JIS C 8305)	ANSI C80.1 UL6	BS 31	Steel pipes for protection of electric cable at electric distribution lines
Steel tubes for boiler & heat exchanger	ERW	Carbon steel boiler and heat exchanger tubes (KS D 3563/STBH)	Carbon steel boiler and heat exchanger tubes (JIS G 3461/STB)	ASTM A 178, A 214, A 226	BS 3059 BS 3606	Water pipes for boiler, connection pipe, overheat engine, air preheating pipe and heat exchange pipes, condenser
Coated steel pipes	ERW Spiral Roll bending	-	-	-	-	Coated steel pipes for protection of outside surface of steel pipe for underground burial.
Steel tubes for tower structural purposes	ERW Spiral Roll bending	-	-	-	-	High tensile steel pipes applicable to electric transmission tower

Notes: KS : Korean standards JIS : Japanese Industrial Standards BS : British Standard API : American Petroleum Institute
 UL : Underwriters Laboratories AWWA : American Water Works Association ASTM : American Society for Testing and Materials
 UK : United Kingdom
 Please consult dimension of main pipes produced with market department.