

EDS

Engineering,
GM DAEWOO Auto & Technology.
Standards

STAINLESS STEEL TUBES

EDS-M-1808

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VERSION: 5

1. SCOPE

This standard specifies the stainless steel tubes used by *GM DAEWOO Auto & Technology Company*(hereinafter referred to as the "GMDAT").

2. MANUFACTURING METHOD

2.1. The tubes shall be manufactured by the seamless process, the automatic arc welding process or the electric resistance welding process.

2.2. The tubes shall be heat-treated as specified in Table 1 in accordance with the type.

Table 1. Heat Treatment Method

Type			Heat treatment method
Austenitic series	SUS 304 TK	Class A	Solution treatment, 1010°C min, rapid cooling
		Class C	As manufactured
	SUS 304L TK	Class A	<i>Solution treatment, 1010°C min, rapid cooling</i>
		Class C	<i>As manufactured</i>
Ferritic series	SUH 409 TK	Class A	Annealing, 780 ~ 950°C, rapid cooling or slow cooling
		Class C	As manufactured
	SUS 430 TK	Class A	Annealing, 700°C min, air cooling or slow cooling
		Class C	As manufactured

Remark: However, class C may be solution-treated or annealed as required.

3. TYPE AND USE

Table 2. Type and Use

Type			Use	Applications
SUS 304 TK	Class A	Welding or seamless tube	Structural steel tube parts requiring corrosion resistance and heat resistance.	FLEXIBLE TUBE A.
	Class C	Welding tube		
SUS 304L TK	Class A	<i>Welding or seamless tube</i>		FUEL PIPE.
	Class C	<i>Welding tube</i>		
SUH 409 TK	Class A	Welding or seamless tube		FRONT EXH.PIPE
	Class C	Welding tube		
SUS 430 TK	Class A	Welding or seamless tube		
	Class C	Welding tube		