

INCH-POUND  
MIL-P-24691/3  
AMENDMENT 1  
4 February 1991

# MILITARY SPECIFICATION

PIPE AND TUBE, CORROSION-RESISTANT,  
STAINLESS STEEL, SEAMLESS OR WELDED

This amendment forms a part of MIL-P-24691/3, dated 23 September 1987, and is approved for use by all Departments and Agencies of the Department of Defense.

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1.2.2: Delete and substitute:

"1.2.2 Part number.

	<u>M24691/3</u>	<u>T</u>	<u>12</u>	<u>F</u>	<u>120</u>
Specification number	_____	_____	_____	_____	_____
Tube	_____	_____	_____	_____	_____
Nominal outside diameter (od) in eighths of an inch	_____	_____	_____	_____	_____
Material grade (see 1.2.1) <u>1/</u>	_____	_____	_____	_____	_____
Wall thickness in thousandths of an inch	_____	_____	_____	_____	_____

1/ F = TP304  
G = TP304L  
H = TP304N  
J = TP316  
K = TP316L  
L = TP316N  
M = TP317  
N = TP317L  
P = TP321  
Q = TP347

Example: M24691/3 tube, 1-1/2 inch od, low carbon with a wall thickness of 120/1000 inch.

AMSC N/A

FSC 4710

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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	<u>M24691/3</u>	<u>P</u>	<u>12</u>	<u>F</u>	<u>040</u>
Specification number	_____	_____	_____	_____	_____
Pipe	_____	_____	_____	_____	_____
Nominal pipe size in eighths of an inch <u>1</u> /	_____	_____	_____	_____	_____
Material grade (see 1.2.1) <u>2</u> /	_____	_____	_____	_____	_____
Pipe schedule <u>1</u> /	_____	_____	_____	_____	_____

1/ Pipe shall be ordered to nominal pipe size and schedule as specified in ANSI B36.10.

2/ F - TP304  
 G - TP304L  
 H - TP304N  
 J - TP316  
 K - TP316L  
 L - TP316N  
 M - TP317  
 N - TP317L  
 P - TP321  
 Q - TP347

Example: M24691/3 pipe 1-1/2 inch nominal pipe size, low carbon schedule 40."

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3.2: Delete and substitute:

"3.2 Flattening. When tested as specified in ASTM A 530, pipe and tube shall withstand being flattened to the distance specified for the first step without developing cracks or breaks. Second step flattening shall show the pipe and tube to be sound."

3.3: Delete and substitute:

"3.3 Intergranular corrosion. Pipe and tube shall be free from precipitated carbides which result in intergranular corrosion."

4.1.2: Delete and substitute:

"4.1.2 Sampling for intergranular corrosion test. Two separate pieces of pipe or tube from each heat treated lot shall be selected from which suitable samples shall be cut."

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TABLE I: Under "Requirement specification" across from "Ultrasonic inspection": Delete "MIL-P-24691/3" and substitute "MIL-P-24691".

Custodians:

Army - ME

Navy - SH

Preparing activity:

Navy - SH

(Project 4710-1111-4)

Review activities:

Army - GL, MR, AR, EA, MI

Navy - AS

DLA - CS

User activity:

Navy - MC