STAINLESS STEEL TOOL WRAP
MASTER YOUR CRAFT

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Material Certification

Heat 867990

The results below are copied from the inspection certificate issued by SSTW's material supplier. SSTW did not perform these tests. The supplier's original certificate is retained on file by SSTW.

Material

Heat	867990
Product	Stainless Steel Tool Wrap
Grade / alloy	SS321
Coil as received	0.0020" x 20.0000"
Thickness tolerance	-0.00010" / +0.00010"
Width tolerance	-0.01000" / +0.01000"
Condition	Annealed
Finish	Bright
Edge	Slit
Specifications	AMS 5510 Rev. T; ASTM A240/A240M-26; SA-240/SA-240M
Melt source	ATI - US

Chemical composition (%)

C	Mn	Si	P	S	Cr
0.0100	1.51	0.53	0.0270	0.0003	17.16
Ni	**Mo**	**N**	**Cu**	**Ti**	**Co**
9.15	0.42	0.010	0.390	0.150	0.250

Mechanical properties (transverse)

Tensile strength	88.20 - 89.50 KSI
0.2% yield strength	36.30 - 37.20 KSI
Elongation in 2"	60.00 - 63.80 %
Hardness	74.4 - 80.2 HRB

Other tests

Bend test	180°, bend diameter 1x thickness: PASS
Corrosion	ASTM A262 Practice E: PASS

Source of these results

Supplier's EN 10204 Type 3.1 inspection certificate dated October 26, 2026. That certificate states that the material meets ISO 9445-1, ISO 9445-2, ASTM A480/A480M and DIN EN 10140, and that the supplier does not use mercury in testing or production.