

## Material Test Report

**Customer:** F&G Industries  
**Customer PO:** FNG25061001

**Date:** 07/01/2025  
**F&G Order:** FNG25061001

**Ship To:** F&G Industries  
 1980 Post Oak Blvd Ste 200  
 Houston, TX 77056

Product Details						
Part Number	Size	Class	Connection	Item	Material	Heat Code
316131031600	1/2	3M	THRD	Tee	F316/F316L	S241209AA12

Chemical Composition (%)									
C	Mn	Si	P	S	Cr	Ni	Mo	N	PREN
0.018	0.94	0.32	0.033	0.012	16.29	10.02	2.02	-	23

Physical Properties						
Tensile	Yield	Elong	Z	HB	Annealed	
536	231	47	62	168	1050 °C	

Quality Statements
<ol style="list-style-type: none"> <li>1. The material supplied is in accordance with NACE MR0175/ISO 15156-2/3:2020.</li> <li>2. The products supplied are in accordance with purchase order specifications.</li> <li>3. The products supplied were manufactured in accordance with EN 10240:2004 and ISO 10474:2013-3.1.</li> <li>4. Elongation test results are obtained using the standard round specimen of 2 in or 50 mm gauge length.</li> <li>5. Any intentional falsification, concealment, or misrepresentation of information, including signatures or company logos on this report, is strictly prohibited and may be subject to penalties under applicable federal law.</li> </ol>

We hereby certify that the information provided on this document is an accurate reproduction of the original data supplied by the producing mill, or verified through supplementary laboratory analysis.

by   
 Raymond Xu  
 Director of QC