

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
105131030400	1/2	3M	THRD	Tee	A105N	12503027A

Chemical Composition (%)										
C	Mn	Si	P	S	Cr	Ni	Cu	Mo	V	CE
0.18	0.94	0.24	0.007	0.005	0.06	0.019	0.02	0.004	0.003	0.35

Physical Properties					
Tensile	Yield	Elong	Z	HB	Normalized
497	350	33.5	67	139/137/140	950 °C

Quality Statements
<ol style="list-style-type: none"> 1. The material supplied is in accordance with NACE MR0175/ISO 15156-2/3:2020. 2. The products supplied are in accordance with purchase order specifications. 3. The products supplied were manufactured in accordance with EN 10240:2004 and ISO 10474:2013-3.1. 4. Elongation test results are obtained using the standard round specimen of 2 in or 50 mm gauge length. 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.

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