

## 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
105092030500	3/4	3M	SW	90 Elbow	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"> <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>

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by   
 Raymond Xu  
 Director of QC