

The **YT-304H MIG & TIG** is a premium-grade austenitic stainless steel welding wire engineered for high-temperature applications where superior strength, corrosion resistance, and weld integrity are non-negotiable. Manufactured and supplied by Metals And Welding Specialities, this wire delivers consistent performance for industries that demand reliability under heat and pressure. Classified under UNS S30409 and conforming to ASTM A240 Grade 304H, this product meets international standards for stainless steel used in high-temperature environments, ensuring unmatched mechanical stability and long service life.



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Designed for both **MIG (Metal Inert Gas)** and **TIG (Tungsten Inert Gas)** welding, the YT-304H wire provides smooth arc stability, minimal spatter, and excellent bead appearance. It's ideal for joining stainless steel components exposed to elevated temperatures, including boiler tubes, pressure vessels, heat exchangers, and refinery equipment. The higher carbon content in Grade 304H enhances its creep strength, making it suitable for use in service temperatures above 500°C, where standard 304 or 304L grades may not perform optimally.



YT-304H MIG & TIG, YT-304H MIG & TIG Manufacturers, YT-304H MIG & TIG Suppliers, YT-304H MIG & TIG Stockists, YT-304H MIG & TIG Exporters

The **YT-304H MIG & TIG** is produced with precise chemical composition control, ensuring a balanced ratio of chromium and nickel for superior oxidation resistance. This composition not only resists scaling and pitting in oxidizing environments but also maintains weld metal ductility even after prolonged exposure to thermal cycles. Whether you're fabricating power generation components or petrochemical structures, this wire ensures consistent deposition, controlled penetration, and minimal risk of weld contamination.

Professionals prefer YT-304H because it delivers excellent weldability in both manual and automated setups. It supports a stable weld pool with uniform wetting action and strong inter-pass bonding, ensuring joints remain sound and durable under cyclic stress. In addition, it offers excellent compatibility with similar base metals, such as 18/8 stainless steels, and can be used effectively on components made from 304, 304H, or 304L grades. Its universal standard name, AISI 304H Stainless Steel, is recognized globally for reliability in critical fabrication environments.



YT-304H MIG & TIG in India, YT-304H MIG & TIG Manufacturers in India, YT-304H MIG & TIG Suppliers in India, YT-304H MIG & TIG Stockists in India, YT-304H MIG & TIG Exporters in India

Every batch of **YT-304H MIG & TIG** from Metals And Welding Specialities undergoes rigorous testing and quality checks to meet ISO-certified manufacturing standards. The wire's precision winding, clean surface finish, and optimized feeding characteristics ensure trouble-free welding performance, reducing downtime and increasing productivity. This makes it an ideal choice for industries where both operational efficiency and metallurgical integrity are vital – from power plants to chemical processing facilities.

When performance under pressure matters, **YT-304H MIG & TIG** stands as the trusted solution for achieving precision welds and lasting strength.

Specification YW-304H MIG & TIG Welding Wire



Classification	AWS ER308H
Form	MIG spools, TIG cut lengths, Reels and Coils
Type Of Welding	Inert Gas Welding
Current	MIG-DCEP / TIG-DCEN
Diameters	.023", .030", .035", .045", 1/16", 3/32", 1/8"
Standard TIG straight lengths are available	36" (914 mm) or 39" (1000 mm) lengths. Other lengths available upon request.

AWS ER308H MIG & TIG Filler Metal Application & uses

Hardware tools
Metallurgy
Machinery
Construction
Shipbuilding
Petroleum
Chemical plant
Power sector
Gas Industry

People Also Searched

YT-304H welding wire, UNS S30409 filler wire, ASTM A240 Grade 304H, AISI 304H stainless steel, 304H MIG wire, 304H TIG rod, 304H stainless filler, 304H welding electrode, 304H welding rod, stainless steel 304H MIG, stainless steel 304H TIG, 304H ER308H wire, high-temperature stainless steel filler, 304H UNS number, stainless 304H composition, 304H weld properties, 304H vs 304L, 304H for boilers, 304H heat exchanger material, 304H mechanical properties, 304H wire price, 304H supplier India, 304H stainless steel wire manufacturer, 304H filler wire specification, 304H chemical composition, 304H welding guide, 304H TIG filler rod, 304H MIG filler wire, ASTM A240 304H material, UNS S30409 specification, 304H stainless steel application, stainless steel welding consumables, high-temperature welding wire, 304H corrosion resistance, austenitic stainless steel 304H, Metals And Welding Specialities products, 304H welding performance, 304H heat resistance, stainless steel wire for refinery welding.