TECHNIWELDUSA

SPECIFICATION SHEET

BLUE STAR

HTI

Grade R & T Twin Hoses

Item Number	Description	Grade	Inner Diameter	Outer Diameter	Length
HTI14X25	1/4" X 25' TWIN FITTED HOSE	GRADE R	1/4" (6.4 mm)	0.53" (13.5 mm)	25'
HTI14X50	1/4" X 50' TWIN FITTED HOSE	GRADE R	1/4" (6.4 mm)	0.53" (13.5 mm)	50'
HTI14X100	1/4" X 100' TWIN FITTED HOSE	GRADE R	1/4" (6.4 mm)	0.53" (13.5 mm)	100'
HTI14XRL	1/4" X 600' TWIN HOSE REEL	GRADE R	1/4" (6.4 mm)	0.53" (13.5 mm)	600'
HTI316X12	3/16" X 12-1/2' TWIN FITTED HOSE	GRADE R	3/16" (4.8 mm)	0.44" (11.1 mm)	12-1/2'
HTI316X25	3/16" X 25' TWIN FITTED HOSE	GRADE R	3/16" (4.8 mm)	0.44" (11.1 mm)	25'
HTI316X50	3/16" X 50' TWIN FITTED HOSE	GRADE R	3/16" (4.8 mm)	0.44" (11.1 mm)	50'
HTI316X100	3/16" X 100' TWIN FITTED HOSE	GRADE R	3/16" (4.8 mm)	0.44" (11.1 mm)	100'
HTI316XRL	3/16" X 600' TWIN HOSE REEL	GRADE R	3/16" (4.8 mm)	0.44" (11.1 mm)	600'

Grade R twin welding hose is designed & recommended for acetylene gas & oxygen only. Not recommended for use with liquefied petroleum gases, propane, natural gas or propylene.

Item Number	Description	Grade	Inner Diameter	Outer Diameter	Length
HTI14X25T	1/4" X 25' TWIN FITTED HOSE	GRADE T	1/4" (6.4 mm)	0.53" (13.5 mm)	25'
HTI14X50T	1/4" X 50' TWIN FITTED HOSE	GRADE T	1/4" (6.4 mm)	0.53" (13.5 mm)	50'
HTI14X100T	1/4" X 100' TWIN FITTED HOSE	GRADE T	1/4" (6.4 mm)	0.53" (13.5 mm)	100'
HTI14XRLT	1/4" X 600' TWIN HOSE REEL	GRADE T	1/4" (6.4 mm)	0.53" (13.5 mm)	600'
HTI316X12T	3/16" X 12-1/2' TWIN FITTED HOSE	GRADE T	3/16" (4.8 mm)	0.44" (11.1 mm)	12-1/2'
HTI316X25T	3/16" X 25' TWIN FITTED HOSE	GRADE T	3/16" (4.8 mm)	0.44" (11.1 mm)	25'
HTI316X50T	3/16" X 50' TWIN FITTED HOSE	GRADE T	3/16" (4.8 mm)	0.44" (11.1 mm)	50'
HTI316X100T	3/16" X 100' TWIN FITTED HOSE	GRADE T	3/16" (4.8 mm)	0.44" (11.1 mm)	100'
HTI316XRLT	3/16" X 600' TWIN HOSE REEL	GRADE T	3/16" (4.8 mm)	0.44" (11.1 mm)	600'
HTI38X25T	3/8" X 25' TWIN FITTED HOSE	GRADE T	3/8" (9.5 mm)	0.66" (16.7 mm)	25'
HTI38X50T	3/8" X 50' TWIN FITTED HOSE	GRADE T	3/8" (9.5 mm)	0.66" (16.7 mm)	50'
HTI38X100T	3/8" X 100' TWIN FITTED HOSE	GRADE T	3/8" (9.5 mm)	0.66" (16.7 mm)	100'
HTI38XRLT	3/8" X 600' TWIN HOSE REEL	GRADE T	3/8" (9.5 mm)	0.66" (16.7 mm)	600'

Grade T twin welding hose is specially designed for alternate fuels such as liquefied petroleum gases, propane, natural gas & propylene. Can also be used with acetylene. Made to resist the effects of the oils in propane. Although Grade T can be used for "All Fuel Gases", it is recommended to change the hose when switching between acetylene and alternate fuel gases due to the residual oils from the propane lodge themselves into the pores of the hose.

TECHNIWELDUSA WWW.TECHNIWELDUSA.COM

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TECHNIWELDUSA

SPECIFICATION SHEET

BLUE STAR

Features

- Premium Flexible Gas Hose
- American Quality Control
- Premium Burst Resistant Fibered Composition
- Hose Available In Custom Cut Lengths With Ends (12-1/2', 25', 50', 100', 600' Continuous)

Technical Specifications

Hose Inner Diameter: 1/4", 3/16", 3/8"

Maximum Operating Pressure: 1.4 MPa, 13.8 bar, 200 psi

Minimum Bend Radius: 2-4", (50.8-101.6 mm)

Application: Compressed Gas

Media: Fuels

Minimum Operating Temperature: -40 °F (-40 °C)

Maximum Operating Temperature: 200 °F (93 °C)

Length per Package: 12-1/2', 25', 50', 100', 600'

Cover Structure: Smooth

Cover Material: Red/Green EPDM

Hose Inner Tube Material: Black EPDM

Hose Reinforcement Material: Multiple textile plies

Industry Standards: CGA E-1, ARPM IP-7

Applications

- Twin Line Welding Hose is designed for transfer of fuel gas and oxygen gas in applications to 200 psi.
- Manufacturing - Architectural and Structural Metals, Mining, Agricultural, Motor Vehicles, Aerospace, Shipbuilding
- Construction - Residential, Commercial, Bridges, Dams, Utilities
- Or any other industry where welders may work

Usage Instructions

Connecting Gas Supplies to the Torch

- Attach the oxygen gas hose (GREEN) to the oxygen gas regulator and to the oxygen gas connection on the torch.
- Attach the fuel gas hose (RED) to the fuel gas regulator, and to the fuel gas connection on the torch.
- Tighten all connection nuts firmly with a wrench making sure that the system is leak-tight.

PRECAUTION: Always use hose and hose connections made specifically for gas welding and cutting purposes. Make sure all connections are dry; do not use pipe-fitting compounds, thread lubricants, oil, or grease. Never force connections which do not fit. Never release acetylene, or any other fuel gas, near any possible source of ignition or into anyspace which is not adequately ventilated. If such conditions cannot be met, adjust pressure with the torch fuel gas valve closed. Readjust pressure, as necessary, after the torch has been lighted in accordance with the instructions which follow. If acetylene or other fuel gas is being supplied to the torch from a piping system which is not equipped with regulators at each station outlet, merely open the service valve at the station outlet. Do not open the torch fuel gas valve until you are ready to light the flame.

Hose and hose fittings must be correctly matched. The use of any fittings other than those specifically designated by the hose manufacturer for use with each specific hose can lead to hose assembly failure. The user is solely responsible to assure that all performance, endurance, maintenance, safety and warning requirements of the product selection and application are met. Failure or improper selection or improper use of the products described herein or related items can cause death, personal injury and property damage.

WARNING: This product contains or produces a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. (California Health and Safety Code Section 25249.5 et seq). For more information go to www.P65Warnings.ca.gov.

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