

INSULATED TRI-CLAMP HOSE

CRH-HOSE

Insulated 1.5" Tri-Clamp Hose, up to 300 °C, 6 & 12 ft

This insulated stainless braided hose with 1.5" Tri-Clamp ends handles hot and cold heat-transfer fluids up to 300 °C in demanding lab and industrial service. Its thermal insulation jacket minimizes heat loss, improves energy efficiency, and shields users from extreme surface temperatures, while the corrugated stainless core with braid resists pressure and fatigue.

- ✓ **High temperature service.** Handles up to 300 °C, depending on media and system pressure.
- ✓ **Insulated outer jacket.** Minimizes heat loss and shields users from extreme surface temperatures.
- ✓ **Durable stainless core.** Corrugated 304 stainless steel with stainless braid resists pressure and fatigue.
- ✓ **Sanitary connections.** 1.5" Tri-Clamp ends for sanitary and clean-in-place integration.
- ✓ **Flexible lengths.** Common 6 and 12 ft lengths, with custom sizes available by request.

MODEL CRH-HOSE



300 °C

MAXIMUM TEMPERATURE

1.5 in

NOMINAL INSIDE DIAMETER

6 to 12 ft

HOSE LENGTH

Technical Specifications

Model CRH-HOSE

PERFORMANCE

Temperature range	Up to 300 °C (application dependent)
Temperature condition	Depends on media and system pressure
Intended use	High temperature fluids
Typical use	Hot oil, hot water/steam (verify compatibility & pressure at temp)
Fluid service	Hot and cold heat-transfer fluids
Recommended fluids	Glycol, thermal oil, hot water

OPERATION

Cleanability	TC ends for sanitary integration
Cleaning	Wipe down exterior insulation jacket; CIP compatible ends as appropriate
Safety	Verify compatibility and pressure rating at temperature
Selection	Help available choosing length, bend radius, and compatibility

CONSTRUCTION

Connection type	1.5" Tri-Clamp (sanitary)
Core	Corrugated 304 stainless steel with stainless braid
Interior	Corrugated metal
Outer jacket	Thermal insulation wrap with protective cover
Insulation function	Minimizes heat loss, shields users from hot surfaces
Core function	Resists pressure and fatigue
Included	Insulated braided hose with 1.5" TC ends and factory-installed insulation jacket

DIMENSIONS AND WEIGHT

Nominal size	1.5" ID
Length	6 to 12 ft
Custom lengths	Available by request
Weight	1-2lbs

ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	SIZE
CRH-HOSE-6FT	Insulated 1.5" Tri-Clamp Hose, 300 °C Corrugated 304 SS core with stainless braid	6 ft 1.5" ID
CRH-HOSE-12FT	Insulated 1.5" Tri-Clamp Hose, 300 °C Corrugated 304 SS core with stainless braid	12 ft 1.5" ID

IDEAL APPLICATIONS

- Jacketed reactor loops
- Heater-chiller circuits
- Process manifolds
- Thermal oil lines
- Hot water circulation
- Botanical extraction

Specifications by Size

Model CRH-HOSE

Specification	6 ft CRH-HOSE-6FT	12 ft CRH-HOSE-12FT
Length	6 ft	12 ft