STAINLESS STEEL HOSE

C-JICHOSE12

USA Lab 1/2" 37° JIC Stainless Steel Hose

A 1/2" hose with a PTFE inner core and braided 304 stainless steel outer sleeve, fitted with 37° female JIC swivel fittings on both ends for laboratory chemical, solvent, and high-pressure fluid transfer. It is rated to 1000 PSI and -65°F (-54°C) to +450°F (+230°C), offers excellent chemical resistance, and does not require Teflon tape.

- **PTFE core hose.** PTFE inner core with braided 304 stainless steel outer sleeve.
- **High pressure rating.** Rated to 1000 PSI for high-pressure fluid transfer.
- **Wide temperature range.** Rated from -65°F (-54°C) to +450°F (+230°C).
- **JIC swivel fittings.** 37° female JIC swivel fittings on both ends in 304 stainless steel.
- **No tape needed.** Seals without Teflon tape; tighten using 2 wrenches.

MODEL



-54 to 230 °C	1000 PSI	1/2 in	2 in	12 to 144 in
TEMPERATURE RATING	PRESSURE RATING	HOSE SIZE	MAXIMUM BEND RADIUS	AVAILABLE LENGTHS

Technical Specifications

Model **C-JICHOSE12**

PERFORMANCE

Temperature rating	-65°F (-54°C) to +450°F (+230°C)
Pressure rating	1000 PSI
Chemical resistance	Excellent
Maximum bend radius	2"

OPERATION

Connection type	37° Female JIC Swivel
Configuration	Female JIC fittings on both ends
Seal requirement	Mechanical | Does not require Teflon tape
Installation	Tighten and untighten using 2 wrenches
Intended use	Laboratory chemical, solvent, and high-pressure fluid transfer
Restriction	Not for outdoor hydraulic or automotive applications

CONSTRUCTION

Brand	USA Lab
Item class	Stainless Steel Hosing
Hose size	1/2"
Hose construction	PTFE core with braided stainless steel outer sleeve
Liner material	PTFE (Teflon)
Braid material	304 Stainless Steel
Fitting material	304 Stainless Steel

DIMENSIONS AND WEIGHT

Lengths	12" to 144"
Weight	0.5 lb to 2.4 lb
Package size (L x W x H)	13 × 1 × 1 in to 12.5 × 12.5 × 2.5 in

IDEAL APPLICATIONS

Chemical transfer | Solvent transfer | High-pressure fluid transfer | Chemical processing | Pharmaceutical research | Academic research

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Specifications by Size

Model **C-JICHOSE12**

Specification	12" C-JICHOSE12-12	24" C-JICHOSE12-24	36" C-JICHOSE12-36	48" C-JICHOSE12-48	60" C-JICHOSE12-60
Length	12"	24"	36"	48"	60"
Weight	0.5 lb	1 lb	1 lb	1.2 lb	1.3 lb
Package size (L x W x H)	13 × 1 × 1 in	11.5 × 10 × 1 in	12 × 12 × 1 in	13 × 13 × 1.5 in	14 × 14 × 1.5 in

Specification	72" C-JICHOSE12-72	96" C-JICHOSE12-96	144" C-JICHOSE12-144	114" C-JICHOSE12-114
Length	72"	96"	144"	114"
Weight	1.5 lb	1.7 lb	2.4 lb	2.2 lb
Package size (L x W x H)	14 × 14 × 1.75 in	14 × 14 × 1.75 in	12.5 × 12.5 × 2.5 in	12.5 × 12.5 × 2.5 in

ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	LENGTH
C-JICHOSE12-12	1/2" 37° JIC Stainless Steel Hose PTFE core, 304 SS braid	12" 0.5 lb
C-JICHOSE12-24	1/2" 37° JIC Stainless Steel Hose PTFE core, 304 SS braid	24" 1 lb
C-JICHOSE12-36	1/2" 37° JIC Stainless Steel Hose PTFE core, 304 SS braid	36" 1 lb
C-JICHOSE12-48	1/2" 37° JIC Stainless Steel Hose PTFE core, 304 SS braid	48" 1.2 lb
C-JICHOSE12-60	1/2" 37° JIC Stainless Steel Hose PTFE core, 304 SS braid	60" 1.3 lb
C-JICHOSE12-72	1/2" 37° JIC Stainless Steel Hose PTFE core, 304 SS braid	72" 1.5 lb
C-JICHOSE12-96	1/2" 37° JIC Stainless Steel Hose PTFE core, 304 SS braid	96" 1.7 lb
C-JICHOSE12-144	1/2" 37° JIC Stainless Steel Hose PTFE core, 304 SS braid	144" 2.4 lb
C-JICHOSE12-114	1/2" 37° JIC Stainless Steel Hose PTFE core, 304 SS braid	114" 2.2 lb

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