

# ALLTEMP

## Refrigeration Control Hoses



### Pressure Sensing Applications:

- Low pressure safety controls
- High pressure safety controls
- Water flow controls
- Refrigerant gauges
- Capacity control regulators



<b>Working Pressure Rating:</b>	1000 PSI
<b>Burst Pressure Rating:</b>	5500 PSI
<b>Temperature Ratings:</b>	-40°F to 266F
<b>Approvals:</b>	UL and ETL R507A, R404A, R410A R407A, R404C, R134a R744 (CO2), R22
<b>Oil Compatability:</b>	Mineral, Alkyl Benzene Polyol ester, PAG
<b>Hose Material:</b>	Polyamide Inner Liner Vinyl Outer Cover - Gray
<b>Fitting Material:</b>	Brass
<b>Flare Construction:</b>	Machined
<b>Flare Nuts:</b>	Heavy Duty Frost Proof

Hose permeation rate extremely low for all refrigerants.  
Absorbs all directional vibrations.  
Oil and UV resistant

### Refrigeration Control Hose Cross Reference

Standard Hose Configuration All Fittings 1/4" SAE, Comparison for pressure applications only

Hose Manufacture	12"	18"	24"	30"	36"	48"	60"	72"
<b>Alltemp*</b>	03-RPH12	03-RPH18	03-RPH24	03-RPH30	03-RPH36	03-RPH48	03-RPH60	03-RPH72
<b>Johnson Controls</b>	N/A	SEC99AA-18C	SEC99AA-24C	N/A	SEC99AA-36C	SEC99AA-48C	SEC99AA-60C	N/A
<b>Yellow Jacket</b>	78712	78718	78724	78730	78736	78748	78760	78772

\*Other Lengths and Fitting Configurations Available on Request



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### Specifications

	Working Pressure	Burst Pressure	Fitting Material	Flare Nut Material	Hose Material	Agency Listings	Max Temp Ratings	Approved Refrigerants
<b>Alltemp</b>	1000 PSI	5500 PSI	Machined Brass Flare	Heavy Duty Frost Proof Brass	Vinyl Outer Jacket-Polyamide Inner tube	UL/CSA, ETL Recognized	-40°F(-40°C) To 266°F(130°C)	R507A, R404A R410A, R407A, R407C, R404C, R134a, R744, R22
<b>Johnson Controls</b>	600 PSIG	3000 PSIG	Copper Flare	Heavy Duty Frost Proof Brass	Brass Armor Outer Jacket, Inner copper tube	UL/CSA, ETL Recognized	-50°F(-46°C) To 350°F(177°C)	R507A, R404A, R410A, R407A, R404C, R134a, R744, R22
<b>Yellow Jacket</b>	800 PSI	4000 PSI	Machined Brass Flare	Steel Finished in Black Zinc	Thermoplastic inner tube and cover	None	-49°F(-44°C) To 266°F(130°C)	R507A, R404A, R410A R407A, R407B, R407C, R134a, R22

	Permeation (leak Rate)	Copper Gaskets	Core Depressors	Tube Dimensions	Min Bend Radius	Tightening Spec's	Compatible Oils	Vibration Absorption
<b>Alltemp</b>	U.L. Tested R134a - 0.0821 oz./Sq. m/Yr.	Not Recommend	Sold separately to be used as Required	OD 5.58mm( 0.219") ID .0mm(0.787")	OD 1.5 Inches	10-14 Ft-Lbs. Max 18 Ft-Lbs.	Mineral, PAG Alkyl benzene, Polyol ester	Excellent in all Directions
<b>Johnson Controls</b>	Not Listed	Not Listed	Model 99AA supplied with one. 99AB supplied with two	OD Not listed, ID 0.06" (1.5mm)	OD 2 Inches	10 Ft-Lbs.	Mineral, PAG Alkyl benzene, Polyol ester	Limited, Refer to manufactures Installation Instructions
<b>Yellow Jacket</b>	Tested 0.188 oz /ft/yr	Supplied with Hoses	Not Listed	OD 0.325"(8.2 mm) ID 0.156"(4 mm)	OD 4 Inches	Not Listed	Mineral, Alkyl benzene, Polyol ester	Excellent in all Directions