

SEC99A

# UltraCap Armored Capillary

## Description

The SEC99A UltraCap Armored Capillary is designed for use as a pressure connection in refrigeration and air conditioning applications. This small-orifice capillary minimizes pressure pulsation, and the brass armor

sleeve improves resistance to abrasion caused by vibration. The copper capillary inside the armored sleeve allows no effusion of refrigerant to the environment.

UltraCap is designed for use with 1/4 in. SAE male flare fitting connectors, such as those found on the Johnson Controls/PENN lines of pressure-actuated controls. Integral Schrader valve depressors are available.

UltraCap Armored Capillary is compatible with all common non-corrosive refrigerants. The UltraCap capillary is available in a variety of lengths, and in models with two straight fittings or with one straight fitting and one 90° elbow fitting.



**SEC99AB and SEC99AA UltraCap Armored Capillaries**

## Selection Chart

Code Number	Description
<b>Schrader Depressor in One End</b>	
SEC99AA-18C	Two straight fittings Length: 18 in. (457 mm)
SEC99AA-24C	Two straight fittings Length: 24 in. (610 mm)
SEC99AA-36C	Two straight fittings Length: 36 in. (914 mm)
SEC99AA-48C	Two straight fittings Length: 48 in. (1219 mm)
SEC99AA-60C	Two straight fittings Length: 60 in. (1524 mm)
<b>Schrader Depressor in Both Ends</b>	
SEC99AB-18C	One straight and one 90° fitting Length: 18 in. (457 mm)
SEC99AB-24C	One straight and one 90° fitting Length: 24 in. (610 mm)
SEC99AB-36C	One straight and one 90° fitting Length: 36 in. (914 mm)
SEC99AB-48C	One straight and one 90° fitting Length: 48 in. (1219 mm)
SEC99AB-60C	One straight and one 90° fitting Length: 60 in. (1524 mm)

## Technical Specifications

SEC99A UltraCap Armored Capillary	
<b>Capillary Diameters</b>	Inside: 0.062 in. (1.5 mm); Outside: 0.125 in. (3 mm)
<b>Temperature Range</b>	-50 to 350°F (-46 to 177°C)
<b>Burst Pressure</b>	3000 psig (20685 kPa)
<b>Maximum Working Pressure</b>	600 psig (4137 kPa)
<b>Suggested Torque to Seal</b>	8 to 10 lb-ft (10.9 to 13.6 N-m)
<b>Fittings: Straight</b>	1/4 in. Female Flare Connector with Schrader Depressor
<b>90° Elbow</b>	1/4 in. Female Flare Connector with Schrader Depressor
<b>Material</b>	Forged Brass Nut with Copper Stem
<b>Agency Listings</b>	UL Recognized: File SA9457, CCN SFCS2 UL Recognized for Canada: SA9457, CCN SFCS8