

SEC99A

UltraCap Armored Capillary



SEC99AB and SEC99AA UltraCap Armored Capillaries

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.

To Order

Specify the code number from the following selection chart.

Selection Chart

Code Number	Description
Schrader Depressor in One End	
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)
Schrader Depressor in Both Ends	
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)

Specifications

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