

DATA SHEET

CHARGING ADAPTER M1/4 x F5/16 – M5/16 x F1/4

Description

The charging adapter is a device that is used to enable the connection of one type of thread to another in refrigeration and air conditioning systems, facilitating the connection to HVAC equipment or industrial refrigeration equipment with different threads.

Applications:

They facilitate connections and conversions from 1/4 to 5/16 threads or the other way round. Air conditioning installations that require adaptations between different types of threads. It guarantees that the connection process is safe, thanks to its two safety components, the obus valve on the male thread and the depressor located on the female thread.

Characteristics:

The male part of the valve has a 1/4 or 5/16 SAE threaded male part with an obus valve to control the flow of liquids or gases, allowing it to open when connected and close when disconnected.

Thanks to its valve, it guarantees a hermetic seal at the connection.

The female part of the valve has SAE 1/4 or 5/16 threads and a depressor, allowing the liquid to flow in a controlled and safe manner. This helps to avoid overpressure that could damage the hose or equipment and facilitates smoother and more efficient filling or discharging.

Technical details:

• Body material:	brass
• SAE male thread	1/4 or 5/16
• SAE female thread	1/4 or 5/16
• External thread obus	Vg 5
• Depressor joint	NBR
• Spring (5)	S.S. AISI 304
• Working pressure	34 bar
• Burst pressure	137 bar
• Working temperature	-30+120° C
• Dimensions	High: 44 mm width T/L 17 mm



Recommendations:

Check that the threads are clean and free of damage.
Tighten with appropriate tools to ensure a hermetic seal.
Check connection and pressure test to ensure tightness.