

DATA SHEET

STRAIGHT AND SQUARED HOSE ADAPTER WITH SWIVEL NUT 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.

This type of 'swivel' adaptor is designed with a nut to facilitate the connection and disconnection of hoses in refrigeration systems, allowing the hose to always be placed in the correct position and avoiding torsion of the hose.

This helps to improve handling during loading, unloading or maintenance tasks, as well as reducing the risk of leaks or broken connections.

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.

In its female part of SAE 1/4 or 5/16 threads, the main feature is the nut, which allows the connection to the equipment to be more comfortable, safe and also allows the liquid to flow in a controlled and safe way thanks to the depressor mounted in this female part of SAE 1/4 or 5/16 threads.

This helps to avoid overpressure that could damage the hose or equipment and facilitates smoother and more efficient filling or discharging.

Technical data sheet:

• 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
• Straight dimensions	High: 41 mm T/L 17 mm
• Swivel dimensions	High: 41 mm width 33 mm 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.