

# GOMAX® a brand of Transfer Oil S.p.A.

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## GENERAL INFORMATION

read carefully before use

### DESCRIPTION:

Assembled capillary hose made of thermoplastic material with polyester reinforcement and thermoplastic cover.

USE: Capillary hose for pressure gauges, pressostats, manometers, oil return lines, oil equalization systems.

## OPERATING CONDITIONS

under standard requirements

<b>Model designation</b>	<b>0780 - DN2   0789 - DN4   0786 - DN6</b>
Refrigeration Types	R134a - R404a - R407a R407b - R407c - R410a R507 - R22 - R744
Design pressure, psig	1740 psig
Design pressure, bar	120 bar
Min Temperature	-40 °C
Max Temperature	+130° C

## OPERATING CONDITIONS

under UL requirements

<b>Model designation</b>	<b>0380 - DN2 0789 - DN4</b>		<b>0786 - DN6</b>	
Refrigeration Types	R-134A, R-407B, R-407C, R-410A, R-507	R-404A, R-448A, R-449A, R-452A, R-513A	R-134A, R-404A, R-407A, R-407B, R-407C, R-410A, R-507, R-744	R-448A, R-449A, R-452A, R-513A
Design pressure, psig	870 psig	508 psig	1740 psig	508 psig
Design pressure, bar	60 bar	35 bar	120 bar	35 bar
Min Temperature	-40°C	-40°C	-40°C	-40°C
Max Temperature	+130°C	+110°C	+130°C	+110°C

## CLASSIFICATION OF QUADRA CAPILLARY HOSES ACCORDING TO 2014/68/UE

0780	QUADRA DN2	Paragraph 3 article 4
0789	QUADRA DN2	
0786	QUADRA DN2	

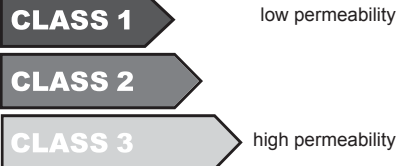
APPLICATION: QUADRA hoses are used in all applications where the connection of system service equipment (for example manometers and/or pressostats) is needed.

QUADRA hoses are compatible with:

GAS TYPE	OIL TYPE
HFC (R134a, R404a, R407a, R407b, R407c, R410a, R507)	Polyol ester
HCFC (R22)	Mineral oils
CO <sub>2</sub>	Polyol ester

Use of suitable gas and oils is recommended.

Permeability classification according to the European Standard EN 1736:2008 for non metallic tubes used in air conditioning and refrigeration systems



**CLASS 1**

TEST REPORT: BO-TIS-219890-TUV-01-03-12 ISSUED BY TÜV ITALIA  
The test method and procedures have been verified by TÜV Italia as third party.

As a result of the assessment and inspection of the characteristics and performance of the permeability test machine, of the test procedures utilized, carried out at the premises of Transfer Oil S.p.A. – Italy, TÜV Italia confirms that it meets the requirements of EN 1736:2008



## ATTENTION

Check the dimensions of QUADRA hose with the coupling parts of the system.

Pay attention not to assemble the QUADRA hose by compressing or subjecting it to traction to torsion, to excessive bending, or to contact with some parts that could damage the hose externally.

Once the hose has been installed in the system, do not move or rotate it, to avoid unscrewing of the nut or damaging the fitting and the risk of leakage.

Do not exceed maximum performance limits.

Respect the nut torque value:

**- Torque wrench 14 7/16"-20 UNF for 1/4" SAE connections | 16 ÷ 18 N·m. Do not exceed 20 N·m**

**- Torque wrench 22 5/8"-18 UNF for 3/8" SAE connections | 30 ÷ 32 N·m. Do not exceed 34 N·m.**

Do not use incompatible fluids or other fluids not mentioned in this report.

Do not clean the QUADRA hose with acids or with other corroding substances.

Keep carefully this report for future references and for the entire working life of QUADRA hose.

**Where the fittings of a QUADRA capillary hose installed in a unit are subject to condensation, or ice, it is important to extend the insulation to the fitting and along the capillary hose up to 5 cm / 2 inches from the end of the ferrule.**

### STORING CONDITIONS:

QUADRA hoses have to be stored inside its packaging (unbroken), in a fresh and dry place and has not to stay under direct sun irradiation.

Do not waste the packaging or the product after using.

### WARRANTY CONDITIONS:

The product warranty is valid for 12 months from the delivery date written on its delivery note.



QUADRA hoses are resistant to vibrations.