



**Beijer Ref India – GOMAX® QUADRA™ Flexible Hoses & Fittings For AC&R**

## **Scheme of Presentation**

- Company Profile - Transfer Oil & GOMAX
- Benefits of GOMAX
- Application's
- Key Features & Tech Data
- Traceability system
- References



**FLEXIBLE HOSES & FITTINGS FOR AC&R**

**GOMAX® QUADRA™ Products Overview**

## **Company Profile – Transfer Oil & Gomax**

GOMAX is a Brand of **Transfer Oil S.p.a**

The Company, founded in 1979, at Colorno – Parma, Italy is today one of the major independent thermoplastic hose manufacturer for several industrial applications.

Transfer Oil hose products are distributed in 65 different countries.

Our reputation has built on more than 35 years of experience in the thermoplastic hose sector.

High end quality, service, reliability are our key features on the market.



## **Why QUADRA Capillary Hoses**

GOMAX Quadra is the market leading brand of thermoplastic hose and fittings designed specifically for Air Conditioning & Refrigeration systems.

It's the FLEXIBLE solution to replace rigid copper tubes for all pressure switch, manometer and oil line connections.

No bending – No welding



### **FLEXIBILITY** means:

- SPEED UP the assembly procedure
- ABSORB the VIBRATION of the compressor
- REDUCE the NOISE
- DECREASE dramatically the total cost of ownership





## QUADRA Key Features & Tech Data

The capillary assemblies, fittings and accessories of the QUADRA range have been **designed to replace traditional copper tubing**.

The materials used to build the hose and fittings make the QUADRA capillary hoses compatible with all refrigerants fluids in the HCFC, HFC families

- Inner tube material

1

Thermoplastic polymer.
- Reinforcing material

2

Polyester braid of high tensile strength with high modulus.
- Cover material (black - orange)

















3

Thermoplastic polymer.



PERMITTED FLUIDS	
Type of Gas	Type of Oil
HFC (R134a, R404A, R407A, R407B, R407C, R410A, R507)	polyol ester based
HCFC (R22)	mineral oils
C02	polyol ester based

## QUADRA Key Features & Tech Data

															
part number	Pack	DN	OD mm	bar	MPa	psi	bar	MPa	psi	min°C	max°C	BEND RADIUS mm	CRIMPING DIAMETER Ø mm	CRIMPING DIAMETER Ø mm	CRIMPING DIAMETER Ø mm
<b>0780C</b> <b>0780BC</b>	 50 m	DN2	6,1	120	12,0	1740	600	60	8700	-45°	-130°	10	7 ±0,1	NA	7 ±0,15
<b>0780K</b> <b>0780BK</b>	 10 m														
<b>0789C</b> <b>0789BC</b>	 50 m	DN4	8,3	120	12,0	1740	600	60	8700	-45°	-130°	25	NA	9,8 ±0,1	10 ±0,15
<b>0789K</b> <b>0789BK</b>	 10 m														
<b>0786C</b> <b>0786BC</b>	 50 m	DN6	10,9	120	12,0	1740	600	60	8700	-45°	-130°	35	NA	12,4 ±0,1	12,4 ±0,2
<b>0786K</b> <b>0786BK</b>	 10 m														

### KEY PACKAGES QUADRA PRODUCTS

#### HOSES



LOOSE



LOOSE

#### FITTINGS



PACKAGED IN BOXES



PACKAGED IN BLISTER PACKS

#### ACCESSORIES AND ASSEMBLED HOSES



PACKAGED IN BAGS

## **QUADRA System - Tooling**



### **CUTTER AND BLADES**



### **HAND PLIERS**



### **QUADRA-CRIMP FOR DN2-DN4-DN6 HOSES**



### **HYDRAULIC PLIERS FOR DN4-DN6 HOSES**





## **QUADRA Full Traceability System**

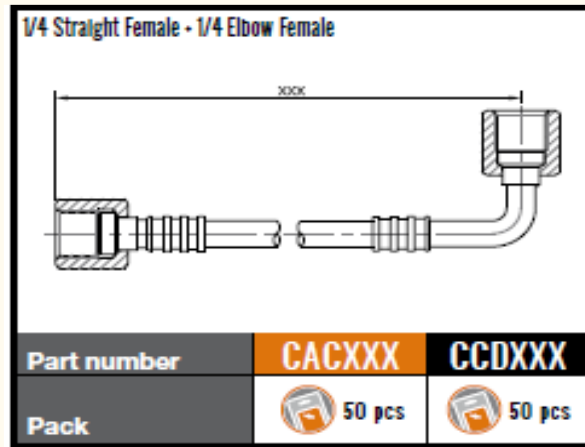


### **How it works:**

- A traceability number is permanently marked on every fitting and component;
- The traceability number is linked to the batch printed on the box's label;
- Reporting the number engraved on the component we will be able to fully rebuild the history of that component.



## **QUADRA Assemblies**



**Simple and easy to fit pre-assembled solutions** made to customer specifications.

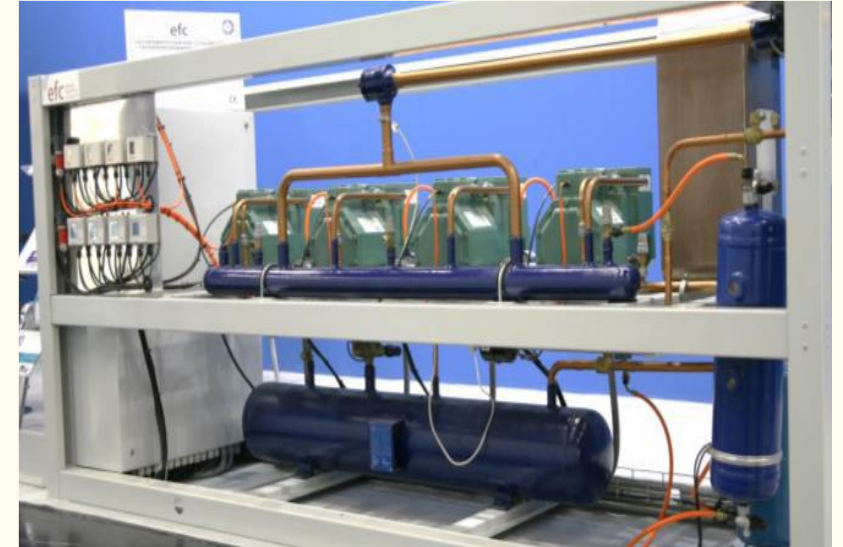
QUADRA DN2, DN4 and DN6 are **assembled to the specific length and fittings required** by the customer.

The QUADRA assemblies are **supplied in 50 unit packs**





**The worldwide  
preferred flexible  
choice**



# BEIJER REF

India

## GOMEX References





**Thank you**