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# Declaration of Conformity

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PED Pressure Equipment Directive 2014/68/UE

## 1. Scope

This document is a declaration of conformity to the Pressure Equipment Directive (2014/68/UE) for

### **QUADRA™ thermoplastic flexible hoses**

manufactured by **Transfer Oil S.p.A.**, used as connection between pressure gauges, pressure switches, pressure test points, oil return lines and for equalization systems in air conditioning and refrigeration units.

## 2. Normative reference

The PED directive 2014/68/UE provides, among other various aspects, for an adequate legislative framework on European level for equipment subject to a pressure hazard.

The Directive concerns items such as vessels, pressurised storage containers, heat exchangers, steam generators, boilers, industrial piping, safety devices and pressure accessories. Such pressure equipment is widely used in the process industries (oil & gas, chemical, pharmaceutical, plastics and rubber and the food and beverage industry), high temperature process industry (glass, paper and board), energy production and in the supply of utilities, heating, air conditioning and gas storage and transportation.

**Under the Community regime of the Directive, pressure equipment and assemblies above specified pressure and/or volume thresholds must:**

- be safe;
- meet essential safety requirements covering design, manufacture and testing;
- satisfy appropriate conformity assessment procedures;
- carry the **CE** marking and other information.

**Pressure equipment and assemblies below the specified pressure / volume thresholds must:**

- be safe;
- be designed and manufactured in accordance with the sound engineering practice of a Member State;
- bear specified markings (but not the **CE** marking).

### 3. Product dimensions and limitations

	<b>QUADRA™ DN2 - DN4 – DN6</b>	
<b>PS - Max allowable pressure</b>	120 1740	<b>bar psi</b>
<b>BP - Min Burst Pressure</b>	600 8700	<b>bar psi</b>
<b>TS - Allowable Temperature Class</b>	-45 / +130 -50 / +266	<b>°C °F</b>

### 4. Product identification

The product is identified by means of an ink jet printed description including but not limited to manufacturer,

product type, pressure and temperature rating, country and date of manufacture, batch reference. Hose identification is in accordance with latest issue of EN 1736:2008. Product traceability is within the Batch number. Printing is longitudinal in black ink on orange hose, and white ink on black hose.

#### Standard Print Legend for Product Type:

 **GOMAX** •  **QUADRA Capillary Hose** - <PART N°> - <DN SIZE> - AC&R HOSE - UNI EN 1736 CLASS 1 @ 60 bar

- PS 120 bar / 1740 psi - WT +120 C / 248 F - TS -45 C to +130 C / -49 F to +266 F - MADE IN ITALY - www.gomax.it - <YYYY/MM/DD> - <BATCH>

## 5. Classification

Transfer Oil declare that all **GOMAX® QUADRA™** flexible hoses are **fully compliant to the directive**.

See attached table.

<b>Type:</b>	<b>GOMAX® QUADRA™</b>
<b>Size:</b>	DN2 DN4 DN6
<b>Comply with safety essential requirement of:</b>	Comply with Transfer Oil S.p.A. technical specifications
<b>Classification referred to 2014/68/UE directive:</b>	Paragraph 3 Article 4
<b>Conformity assessment procedures:</b>	Annex III Module A (internal production control)
<b>Standards:</b>	EN ISO 1402 - EN ISO 7751
<b>CE marking</b>	N/A

**Transfer Oil S.p.A.**

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