

## EMPLOYMENT, ASSEMBLY AND MAINTENANCE

PED 97/23/CE DIRECTIVE

TABLE 6 DANGEROUS FLUIDS (GROUP 1) – TABLE 7 NOT DANGEROUS FLUIDS (GROUP 2)

Description of the family of the equipment to pressure	Copper alloy gate valve.
Family code marked on the valve	S006-1/2÷S150-1/2

### Employment

The kept fluids are dangerous fluids( group 1) or not dangerous (group 2) and should be in accordance with the used material (copper alloys ): brass, ADZ brass, bronze (many kind of ), steel, monel, PTFE, NBR, EPDM....

### Do not use unstable gasses !

#### MATERIALS:

The end user should be sure of the comparison of the fluids employed with the material of the valve (metallic parts, gaskets, soft seats).

If in doubt, it should be required the chemical analysis of the raw material used .

#### PRESSURE :

Do not use the product over the values of the PN marked on the product.

#### TEMPERATURE:

Do not use the product outside the values pressure/temperature express marked on the construction normative EN 12288.

The valves should be installed following these criteria , any other kind of additional information on the employment of the equipment in case of doubts should be absolutely requested to Conti Rubinetterie.

### Assembly

To install the valve on the system follow, depending on the connection type , the following instructions:

- Threaded Valves: use a sealing for the seat on the threads in accordance with the kept fluids.
- Flanged valves: use a seat gasket on the flanges , tighten the bolts diagonally .

Whatever is the kind of connection ,verify that the ends are free of unknown bodies .

The valve can be installed both vertically and horizontally .

After the installation be sure that the valve do not suffer any solicitation due to the pipes: support therefore the pipes with proper terminals.

The valves must be operated only with the provided handwheel, without any other auxiliary handwheel.

To close the valve, turn the handwheel in clockwise direction until you join the mechanical beat.

To open the valve, turn the handwheel in anti clockwise direction until you join the mechanical beat.

### Maintenance

Check periodically the gasket on the stem. If appear some losses, act directly on the hexagonal packing gland Placed under the handwheel.

The valve has a counter seat to substitute the gland in exercise.

Every six month effect a visual control on the valve, to verify the absence of defects that can alter its use, and eventually operate or substitute the valve.

Before operate on the valve be sure that the pipe is not under pressure.