

GRIFERIA DE LABORATORIO



ROBINETTERIE DE LABORATOIRE



LABORATORY FITTINGS



TORNEIRAS PARA LABORATORIO





## CATALOGUE OF LABORATORY TAPS



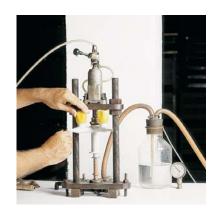




## MANUFACTURING SYSTEMS







LEAK CONTROL



WORKSHOP WITH C.N.C. PRECISION LATHES



**AUTOMATIC TURNING** 



CORROSION PROOF COATING

# 3



# COLOUR CODE STANDARDS <u>UNE</u>-EN 13792



WPC COLD DRINKING WATER



WPH HOT DRINKING WATER



WNC COLD INDUSTRIAL WATER



WST STEAM



WCC PURE COLD WATER



WDC DECALCIFIED COLD WATER



**WDI** DISTILLED WATER



CH, METHANE



C<sub>3</sub>H<sub>8</sub> PROPANE



C4H10 BUTAN



C<sub>2</sub>H<sub>4</sub> ETHYLENI



C<sub>3</sub>H<sub>6</sub> PROPEI



C,H. BUTEN



CaHa ACETYLEN



Ar CH<sub>4</sub> ARGON-METHANE



1<sub>2</sub> HYDROGEN



N₂ NITROGEN



N<sub>2</sub>O NITROGEN MONOXIDE



CA COMPRESSED AIR



O2 OXYGEN



CO, CARBON DIOXIDE



Kr KRYPTO



Ne NEON



**A**r ARG



He HELIUM



NH<sub>3</sub> AMMONIAC



NO₂ NITROGEN DIOXID



H<sub>2</sub>S HYDROGEN SULFIDE



PH<sub>3</sub> PHOSPHI



V VACUUM



VF VACUL



VH VACUUM



CH<sub>2</sub>O FORMALDEHIDE



C<sub>3</sub>H<sub>8</sub>O PROPANOL



CH₄O METHANOL



C3H6O ACETONE



C2HCI3 TRYCHLOROETHYLENE



HCIO₄ PERCHLORIC ACID



**G** NATURAL GAS



LPG PROPANE-BUTANE GAS





## RESISTANCE TO VARIOUS CHEMICALS

#### Condition after 18 months contact.

G = Good F = Fail N = Not Recommended

	CONCENTRATION	RESIS	TANCE 40° C
INODOANIO BACEC		20° G	40° C
INORGANIC BASES AMMONIUM HYDROXIDE	Concentrated	G	G
AMMONIA	Liquid or gas	G	G
LIME-WASH	EO 0/	0	G
POTASSIUM HYDROXIDE SODIUM HYDROXIDE	50 % 5 %	G G	F G
SODIUM HYDROXIDE	10 %	Ğ	F
SODIUM HYDROXIDE	50 %	G	F
INORGANIC ACIDS			
CHROMIC ACID HYDROCHLORHIC ACID	10 % 1 %	N G	N F
PHOSPHORIC ACID	1 % 50 %	G	F
SULPHURIC ACID	1 %	Ğ	F
INORGANIC SALTS			
ALUM		G	G
ALUMINIUM SULPHATE	Concentrated colutions	G	G
AMMONIUM NITRATE AMMONIUM SULPHATE	Concentrated solutions	G G	G G
BARIUM CHLORIDE	п	G	Ğ
CALCIUM ARSENATE	II	G	G
CALCIUM CHLORIDE	"	G	G
CALCIUM SULPHATE COPPER SULPHATE	" "	G G	G G
DIAMMONIUM PHOSPHATE	п	G	G
MAGNESIUM CHLORIDE	50 %	G	Ğ
POTASSIUM FERROCYANIDE	Concentrated solutions	G	G
POTASSIUM NITRATE	"	G G	F G
POTASSIUM SULPHATE SODIUM CARBONATE	11	G	G
SODIUM CHLORIDE	Saturated	G	G
SODIUM SILICATE	Concentrated solutions	G	G
SODIUM SULPHIDE	"	G	F
TRISODIUM PHOSPHATE		G	G
OTHER INORGANIC PRODUCTS AGRICULTURAL SPRAYS		G	G
BLEACH SOLUTION		F	N
CHLORINE		N	N
FLUORINE		N	N
Hydrogen Hydrogen Peroxide	20 vol	G G	G F
MERCURY	20 VOI	G	G
DXYGEN		Ğ	Ğ
OZONE		F	N
POTASSIUM PERMANGANATE	5 %	N G	N
sea water Soda water		G	G G
SULPHUR		Ğ	Ğ
WATER		G	G
ORGANIC ACIDS AND ANHYDRI	DES		0
CITRIC ACID LACTIC ACID		G G	G G
OLEIC ACID		G	G
OXALIC ACID		G	G
STEARIC ACID		G	G
TARTARIC ACID URIC ACID	Saturated solution	G G	G G
HYDROCARBONS		G	G
ACETYLENE		G	G
BENZENE		Ğ	Ğ
BUTANE		G	G
CYCLOHEXANE		G	G
DECALIN FORANE® 12 (CFC)		G G	G
FORANE® 22 (CFC)		G	
HEXANE		G	G
METHANE		G	G
NAPHTALENE PROPANE		G G	G G
STYRENE		G	G
TOLUENE		G	G
XYLENE		G	G

	CONCENTRATION	RESISTANCE 20° C 40° C	
ALCOHOLS BENZYL ALCOHOL BUTANOL ETHANOL GLYCERINE GLYCOL METHANOL ALDEHYDES AND KETONES	Pure Pure Pure	F G G G G	N F G G F
ACETALDEHYDE ACETONE BENZALDEHYDE CYCLOHEXANONE FORMALDEHYDE METHYLETHYLKETONE METHYLETHYLKETONE	Pure Technical	G G G G G	F G F F G G
CHLORINATD SOLVENTS METHYL BROMIDE METHYL CHLORIDE PERCHLOROETHYLENE TRICHLOROETHYLENE PHENOLS		G G G N	N N G F
SALTS, ESTERS, ETHERS AMYL ACETATE BUTYL ACETATE DIETHYL ETHER DIOCTYLPHOSPHATE DIOCTYLPHOSPHATE ETHYL ACETATE FATTY ACID ESTERS METHYL ACETATE METHYL SULFATE TRIBUTYLPHOSPHATE TRICRESYLPHOSPHATE		66666666666	66 666F66
VARIOUS ORGANIC COMPOUNDS ANETHOLE CARBON DISULPHIDE DIACETONE ALCOHOL DIMETHYL FORMAMIDE ETHYLENE CHLORHYDRIN ETHYLENE OXIDE FURFUROL GLUCOSE TETRAETHYL LEAD TETRAHYDROFURANE		G G G G G G G	F G G N G G G
VARIOUS PRODUCTS BEER CIDER CRUDE PETROLEUM DIESEL FUEL FRUIT JUICES FUEL-OIL GREASES GROUND-NUT OIL HIGH OCTANE PETROL KEROSENE (Paraffin) LINSEED CAKE MILK MUSTARD NORMAL PETROL OILS SOAP SOLUTION STEARIN SOLVENT NAPHTA TOWN GAS TURPENTINE VINEGAR WINE		666666666666666666666666	000000000000000000000000000000000000000

# 3



## **PLASTIC COATING**

The anti-corrosive plastic coating is made of 11 polymiades. Technical features are as follows:

- Approximate thickness:
  250 to 300 microns.
- Melting point: 184 to 186° C.
- Flammability: Self-extinguishable.
- Shore hardness D to 20° C, 75.

Overall, the coating is considerably resistant to base chemicals, sea water, saline environments, oils, grease aromatic solvents, organic acids, diluted mineral acids and aliphatic solvents.

Neither fungi, or microorganisms stick to the surface nor does frost collect.







#### Resistance to boiling water:

Excellent adhesion after 2000 hours.

Resistance to exposure to the elements:

Excellent.

#### Resistance to salt spray:

There is no corrosion after 2000 hours exposure (ASTM B-117 or AFNOR X 41-002 standard).

#### Resistance to sea water:

There is no corrosion after 10 years exposure.

#### **APPLICATION METHOD:**

The previously prepared metallic part is heated in an oven at a constant temperature ranging between 300° C and 450° C, depending on the part mass and the nature of the metal, and as soon as it is removed from the oven, it is placed for three or four seconds in the powder suspended in a fluidification container.

When the powder comes into contact with the hot metallic surface it melts and coats the said metal part evenly depending on the temperature of the part, its thermal inertia and the duration of the immersion. The part is removed from the container and air-cooled.





## **TECHNICAL FEATURES**

#### **GENERAL STANDARDS**

The laboratory fittings we produce are manufactured according to the following specific standards:

#### **UNE-EN 13792**

Colour code for fluids on operating devices of laboratory taps.

#### **DIN 12898**

Laboratory taps; outlet nozzles.

#### **DIN 12919**

Laboratory taps, connecting sleeves; tap columns, heights and flang dimensions.

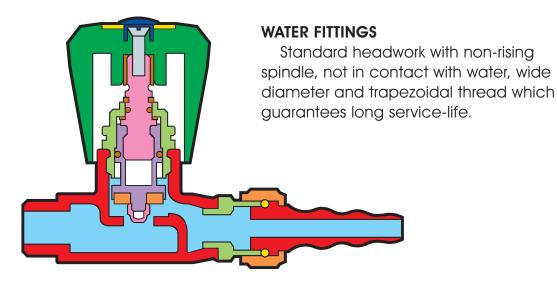
#### **DIN 3537**

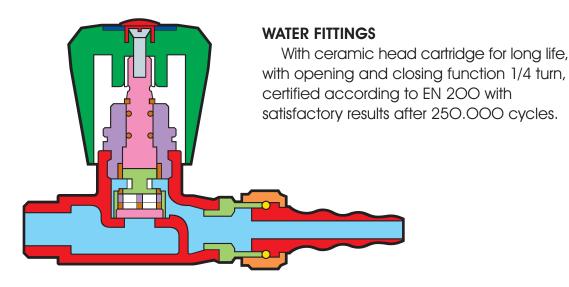
Gas valves ≤ PN 4 requirements and test for approval of laboratory valves.

We can manufacture in line with other standards from other countries.

#### DIN 12918 -1

Laboratory taps. Part 1: Valves for water.

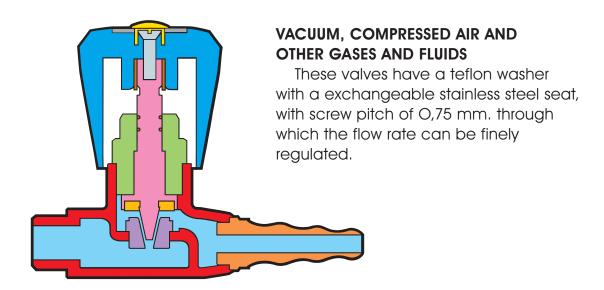


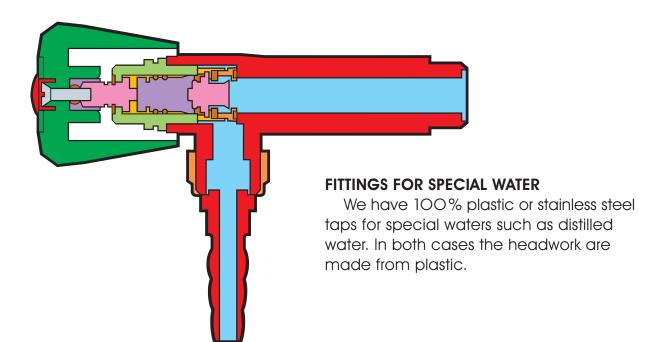






## **TECHNICAL FEATURES**





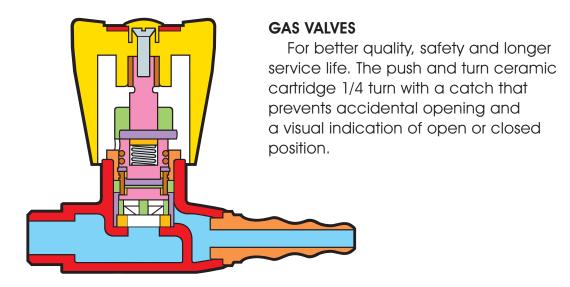
#### **SPECIAL PRODUCTIONS**

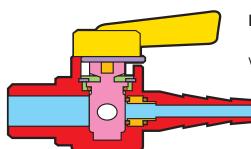
Through our modular production system, we can produce particular models in line with our customer's needs and also develop new products.





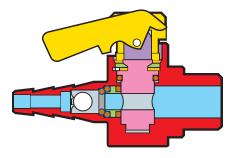
## TECHNICAL FEATURES





#### **DROP LEVER GAS TAPS**

Drop lever gas taps can be supplied with an anti rotation pin fitted and require a 5 mm. hole drilling 17 mm. from the centre of the shank.



#### NON RETURN DROP LEVER GAS TAPS

Non-return valves have been included in each nozzle to remove the risk of fluids and debris being introduced into the gas supply.











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