



## NICAL 450 Blu

The **Nical 450 Blue** is a little softening cartridge for Office Cup System (OCS) ideal for coffee machines using coffee pods or capsules equipped with suction pipe.

All **Nical 450 Blue** parts are made of plastic materials and in compliance with current Ministerial Decree in relation with the identified destination use.

It's composed by a single column in blue fiberglass containing a particular blend of resin, ideal to retain cations present in water.



### Reference Parameters and Technical Specifications

**FEEDING WATER**  
 DRINKABLE WATER  
**FEEDING WATER TEMPERATURE**  
 2 – 40°C  
**TYPE**  
 SOFTENER FOR OCS MACHINES  
**TYPE OF RESIN**  
 STRONG CATION  
**SOFTENING**  
 TOTAL HARDNESS  
**OPERATING TEMPERATURE**  
 5° C / +40° C  
**DURATION**  
 24 MONTHS FROM THE INSTALLATION DATE  
**MADE IN**  
 ITALY  
**WASTE DISPOSAL**  
 NON HAZARDOUS SPECIAL WASTE\*  
**WASTE CODE**  
 C.E.R. 19.09.05  
**COMPLIANCE**  
 EC 1935/2004 – EC 10/2011 – 98/83 EC

PARAMETER	MEASUREMENT UNIT	WATER FROM THE NETWORK	VALUE NICAL 450 Blu
pH	-	7,88	7,88
Conductivity	µS/cm	425	467
Total Hardness	°F	28	0
Oxidizability	mg O2/l	0,6	1,2
Chlorides	mg/l	17,9	17,9
Nitres	mg/l	8,7	5,7
Calcium	mg/l	64,0	0,01
Magnesium	mg/l	14,2	0,02
Sodium	mg/l	11,5	109
Arsenic	mg/l	0,0007	0,0001
Total Chrome	mg/l	0,0028	0,0018
Lead	mg/l	0,0037	0,0003
Copper	mg/l	0,095	0,0018
Zinc	mg/l	0,333	N. R.
Total Trihalomethanes	mg/l	N. R.	N. R.
1,2 - Dichloroethane	mg/l	N. R.	N. R.

### Hardness Table

Diameter	min 30,2 mm max 40,5 mm	Height	80 mm	Inlet connector	6 mm					
						MERCK VALUES	SODIUM MG	FRENCH DEGREES	GERMAN DEGREES	LITRES
						27	9° Fr	5 KH	150	1.500
						54	18° Fr	10 KH	75	750
						81	27° Fr	15 KH	50	500
						108	36° Fr	20 KH	37,5	375
						135	45° Fr	25 KH	30	300

**\*DISPOSAL:** Every BILT cartridge specifies on its label the waste European Code, which indicates the typology of the waste – in this particular case a Non Hazardous Special Waste – and which typology of waste disposal professional plant have to process it. Obviously the only ones who have a specific authorization in processing that particular code. In no case the product can be disposed in the ordinary way.

**Code: Nical 450 B**