

CHAPTER 9 RESINS & FILTERMEDIA

All prices for resins and filtermedia are ex-works Moeskroen (België).
Please ask for the transport price with your price request

RESINS

Reference	Code	Description	Quantity	Price per	€
0800000632	Heterodispers Micron	Heterodisperse resin (per 25L) (Current type of Resin: Dowex* HCR-S/S FF)	< 100 L	1 lit.	
			100 - 999 L	1 lit.	
			≥ 1000 L	1 lit.	
0800000633	Monodispers	Monodisperse resin (per 25L) (Current type of Resin: Lewatit S 1567)	< 100 L	1 lit.	
			100 - 999 L	1 lit.	
			≥ 1000 L	1 lit.	
0802021119	Purolite A520E	Nitrate removal resin (per 25L)		1 lit.	
0802041485	Purolite MB400	Mixbed resin (per 25L)		1 lit.	
0801030002	SCAVENGER S6368	Decolourisation resin (per 25L)		1 lit.	

Resin for special applications on demand, please contact: tech@micron.be

FILTERMEDIA

Reference	Code	Name	Quantity	Price per	€
Filtration					
		Silex en filtration sand (par 25kg)	< 1000 kg	1 kg	
			≥ 1000 kg	1 kg	
		Different grades:			
0901019275	ZAN0306	0,3 - 0,6 mm			
0901016142	ZAN0408	0,4 - 0,8 mm			
0901016148	ZAN08125	0,8 - 1,25 mm			
0901016151	ZAN1725	1,7 - 2,5 mm			
0901011420	ZAN2315	2,0 - 4,0 mm			
0901016153	ZAN3050	3,15 - 5,6 mm			
0901016155	ZAN5080	5,0 - 8,0 mm			
0902010001	TURBIDEX-50	Turbidex (per cuft = 28L)	< 40 cft.	1 cft	
			≥ 40 cft.	1cft	
0903020001	ANTHR'O	Hydro-antracite (per 25L)	< 1000 L	1 lit.	
			≥ 1000 L	1 lit.	
0905010006	AKTIEF/C	Active carbon (per 20kg)	< 1000 kg	1 kg	
			≥ 1000 kg	1 kg	
0906041717	PAL/RINGEN	Aeration rings (per 100L)		1 lit.	
0900011353	BAYOXIDE E33 PM	Bayoxide E33 - arsenic removal product (per 15kg)		15 kg	
Iron Removal and neutralisation					
0906011356		MTM iron removal (per cuft = 28L)		1 cft.	
0906015190		Birm - iron removal (per cuft = 28L)	< 40 cft.	1 cft.	
			≥ 40 cft.	1 cft.	
0904015907		Juraperl neutratite (par 25kg)	< 1000 kg	1 kg	
			≥ 1000 kg	1 kg	

Reference	Code	Name	Quantity	Price per	€
Dosage					
1005021234	POLYPHOS1	Cristal polyphosphate (per kg)	Pot	1 kg	
1005024848		Cristal polyphosphate (per 25kg)	Bucket	1 kg	
1005012768	SILLIQ	Liquid silicates (per 30L)		Bidon	
Régénerant					
1001028731	KMNO1	Potassium Permanganate	Pot	1 kg	
1001026058		Potassium Permanganate (per 25kg)	Bucket	1 kg	
1001060001		Salt (per 25kg)		25 kg	
Divers					
1002021050		Resin cleaner - Blue 1 L		1 lit.	
1002021049		Resin cleaner - Blue 5 L		5 lit.	
1002020006		Resin cleaner - Red 5 L		5 lit.	

Turbidex

The turbidex is a medium for hyperfiltration. Its increased ability to remove sediments will provide water with greater clearness and allow savings of chemicals, filter cartridges, membrane cleaning, Membrane life, etc.

Hydro-antracite

Hydro anthracite is a selective, hard and a naturally occurring coal. This product is used in closed systems of filtration, counter-current rinse for the treatment of drinking water, process, pool or waste water.

Active carbon

Active carbon is used in the filtration system for the elimination of unwanted odors, colourants (organic matter) and the chlorine or ozone of disinfected water.

It is necessary to backwash periodically to remove the suspended material that remained in the filter. In this way, the filter stays clean.

Le Bayoxide® E33

The bayoxide is a medium in the form of granules / crystals. When water passes through the medium at the wellhead, arsenic is adsorbed and eliminated, allowing to reach a level lower to the drinking water standard, 10 micrograms per liter (mg / l).

MTM

The MTM is a valid alternative to the Manganese Greensand. This filter media is used for removing iron from water by oxidation and filtration.

At the point of exhaustion, the filter bed must be regenerated with a solution of potassium permanganate (KMnO₄), whereby the oxidation ability is restored. MTM is also suitable for the treatment of complex iron (extra dosage of chlorine).

Birm:

Birm is an economic filtering product that removes iron and manganese. Birm serves as a catalyst to accelerate the reaction between dissolved oxygen and iron.

The filter must be rinsed periodically by a simple back. Birm requires no regeneration.

Juraperl

Juraperle is a filter fine granulation medium on the basis of fossil limestone structures. It is applied for deacidification of poor water, and possibly also for iron removal. During filtration, the free CO₂ is converted to bicarbonate and calcium is dissolved respectively. By this, the pH and hardness rate is raised. In addition, the iron is also filtered. Because calcium is dissolved, the product must be filled regularly.

Cristal Polyphosphate

The polyfosfates come in the form of green or white crystals, that dissolve slowly in water. They arise in special jars and are driven by water that passes.

When a minimum saturation is reached in the water, the polyfosfaten will form a thin layer on the walls of the pipes.

Thus, they will also form a protection against corrosion. However, this protection is not always sufficient.

Liquid silicates (SiO₂)

Silica (SiO₂) is dosed in the distribution of drinking water for the protection of pipes against corrosion.

Because of its limited solubility, the product settles and forms a film on the walls.

