

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.

