

**EUROCARB**

INNOVATIVE ACTIVATED CARBON

**Water**

TREATMENT APPLICATIONS

  **BETTER LIVING THROUGH CARBON** 

# EUROCARB WATER PURIFICATION CARBON

## EUROCARB OFFERS A WIDE RANGE OF ACTIVATED CARBONS COVERING ALL APPLICATIONS IN WATER TREATMENT

- Domestic water filters
- Municipal water treatment
- Dechlorination
- Beverage manufacture
- Greywater treatment
- Groundwater remediation
- Lifestraw filters
- Condensate polishing

**In all cases our product is matched precisely to the application, and its consistency carefully monitored through our quality system.**

**Where applicable, our products meet international quality standards for their purity and performance; including NSF, AWWA, EN12915 or FCC.**

**In all cases we exceed minimum requirements of these standards.**

### Granular Carbons

The choice for most filter systems, granular carbons are available in a wide range of carefully controlled mesh sizes to suit the size and flow rate of the filter system. Our range includes both coconut based and coal based carbons and covers the huge array of contaminants of concern for drinking water. Coconut based carbons will normally be the choice for removal of chlorine and smaller organic molecules, whilst coal based carbons, with significantly larger pore sizes, cover a wide range of contaminants including larger organic molecules.

All our products are optimised in respect of dust content and hardness in order to minimise attrition losses in the system.

Products are also available in a wide range of activities, depending on required filter performance, and high surface area carbons are often used in high purity applications or highthroughput point-of-use filters.

### Washed Carbons

We also offer a range of washed carbons for applications requiring a particular pH range, or high purity carbon. Depending on the application; water washing, or acid or alkali washing may be required. Ultra-washed, very high purity carbons are available for special applications and we also have a range of low silica products targeting condensate polishing applications in high pressure boiler systems.



## Activated Carbon Felt

Our directly activated carbon felt product is manufactured from a polymer precursor which is prepared in a non-woven form. It offers a high activity and flexible alternative to granular carbons in certain point of use applications

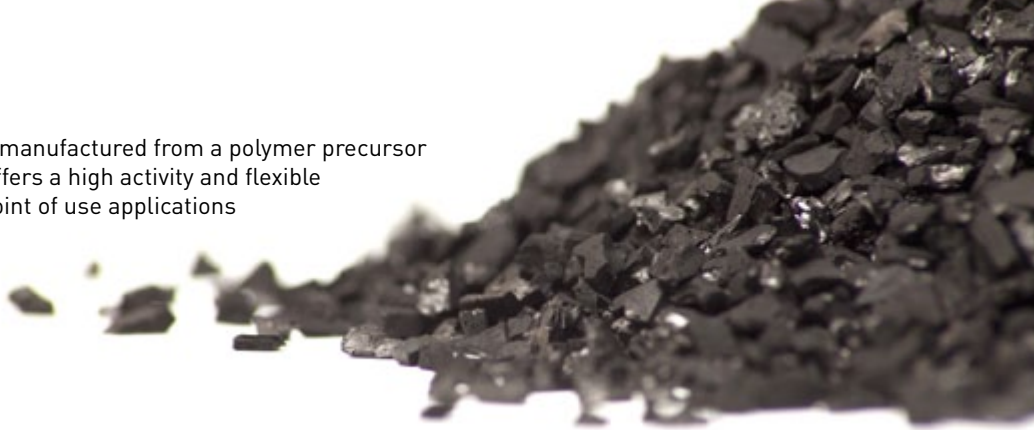
## Consistent Quality

Our high quality material production is driven by an industry leading understanding of both the technology and the expertise required to produce superior Activated Carbon grades. This proficiency is supported by rigorous end to end quality checking throughout the manufacturing process.

Dust content, material hardness and product homogeneity are closely monitored to ensure premium performance in all customer applications.

## Special Products

Eurocarb has a long history of working closely with a number of manufacturers devising new specifications in response to new product requirements. In many cases we have supported customers in determining an Activated Carbon particle size specification that balances adsorption capacity against pressure drop within desired parameters. Additionally, where customers may have a requirement for bacteriostatic filters, Eurocarb is able to manufacture silver impregnated material to meet desired specifications. Special products optimised for the removal of certain substances such as chloramines or arsenic are also available.



Product range	Applications	Typical Specification	
<b>GRANULAR</b>		<b>Material</b>	<b>Iodine</b>
RWAP 8x30, 10x40 or 12x40 <sup>(1) (2)</sup>	Municipal water treatment, large bed water filters, swimming pools	Coconut shell	1000 mg/g
SAC range-granular 8x30 <sup>(1)</sup> mesh ASTM	Municipal water treatment, large bed water filters	Coal	800-1000 mg/g
HR0 8x30 <sup>(1) (2) (3)</sup>	Municipal water treatment, large bed water filters	Coconut shell	1000 mg/g
PH0 8x30 <sup>(1) (2) (3)</sup>	Municipal water treatment, large bed water filters	Coconut shell	1000 mg/g
PH0 8x30 AW <sup>(1) (2) (3)</sup>	Beverage water	Coconut shell	1000-1100 mg/g 1% ash
<b>POWDER</b>		<b>Material</b>	<b>Iodine</b>
YA0 M325, PH0 M325	Municipal water treatment, dosing	Coconut shell	1050-1200 mg/g
SACi600 M325	Municipal water treatment, dosing	Coal	600 mg/g 325 mesh.
<b>FELT</b>		<b>Material</b>	<b>Iodine</b>
ACF65	Point of use filters	Felt	2-4mm thickness 65% CTC.
<b>CATALYST</b>		<b>Material</b>	<b>Iodine</b>
RWAC catalyst, various sizes	Chloramines removal in drinking water treatment	Coconut shell	1050 mg/g typical, >150mg/g monochloramine capacity (Haycarb method)

<sup>(1)</sup> Other Sizes available on request <sup>(2)</sup> NSF 61, AWWA B604-96, EN12915 <sup>(3)</sup> TZW

# EUROCARB

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European subsidiary of

**HAYCARB**

Activated carbon solutions

## Eurocarb Products Limited

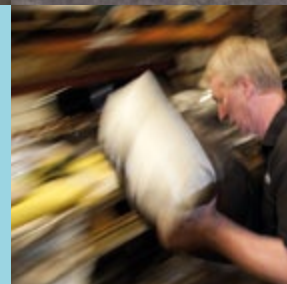
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Eurocarb Products Ltd & Haycarb PLC are all ISO 9001 certified.