



**3M** Science.  
Applied to Life.™

3M™ Foodservice Water  
Filtration Products  
Espresso & Vending

**Filtration fact:  
We help get chlorine  
and scale under control.**

Your espresso and vending beverages are mostly water. That means the quality of the water you use has a direct impact on the taste of your product. Excessive hardness, chlorine or chloramines in your water can take a toll on your equipment, and may lead to business interruptions and service calls. Reduce excessive hardness and chlorine and help improve the taste of your espresso and vending products with 3M™ Foodservice Water Filtration Solutions. Take care of your water so you can take care of business.

## Brew your way to better profits.

Good quality water helps ensure better-tasting espresso and vending beverages, loyal customers and fewer service calls. We've long been regarded as an industry leader in the design, manufacturing and marketing of water filtration products that help provide solutions for today's ever-changing water quality concerns.

Our products offer simple, effective and easy-to-install solutions for commercial foodservice applications and we've designed our systems to meet the volume, water clarity and maintenance expectations of our customers.



## The Challenge:

Excess chlorine can oxidise parts and fittings, and excessive hardness can form scale in your espresso and vending equipment, reducing service life and causing bitter-tasting beverages.

## The Solution:

3M™ Water Filtration Products containing ion exchange resin media can help reduce hardness and improve espresso and hot beverage quality without the need for a drain, electrical connection or salt regeneration.



Water makes up **93%** of an espresso<sup>1</sup>

<sup>1</sup> Source: [www.clivecoffee.com/blogs/learn/how-coffee-extraction-works](http://www.clivecoffee.com/blogs/learn/how-coffee-extraction-works)

## Espresso & Vending Water Filtration Solutions

ScaleGard™ Pro Series of Cartridges				
Part Number	Cartridge	Flow Rate (LPM)	Capacity <sup>2</sup> (Litres)	Reduction Claims
7100017165	P124BN-E	1.9	1,600	Hard scale, chlorine taste and odour
7100016145	P145BN-E	1.9	1,600	Hard scale, chlorine taste and odour
7100016375	P165BN-E	3.8	2,267	Hard scale, chlorine taste and odour
7100016374	P195BN-E	3.8	3,778	Hard scale, chlorine taste and odour
7100016373	P1175BN-E	3.8	6,000	Hard scale, chlorine taste and odour

<sup>2</sup> Based on 180 mg/l hardness.

## Espresso & Vending Water Filtration Solutions

ScaleGard™ Blend Series of Cartridges				
Part Number	Cartridge	Flow Rate (LPM)	Capacity <sup>3</sup> (Litres)	Reduction Claims
7100037445	B145-CLS	1.9	2,006	Hard scale, chlorine taste and odour, chloramines
7100037015	B165-CLS	1.9	2,835	Hard scale, chlorine taste and odour, chloramines
7100037444	B195-CLS	1.9	4,727	Hard scale, chlorine taste and odour, chloramines
7100037662	B1175-S	3.9	7,502	Hard scale, chlorine taste and odour

<sup>3</sup> Based on 180 mg/l hardness on standard blend for coffee machines without steam operation.

The ScaleGard™ Pro Series of Cartridges are also available without bypass. Note that capacity should be reduced by 25% for non-bypass versions.

Both the ScaleGard™ Pro and ScaleGard™ Blend Series of Cartridges are also available with H+ unbuffered resin for an additional 40% capacity. The H+ unbuffered resin must not be used in environments with low pH water or in areas where corrosion is an issue.



**Product Selection and Use:**

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

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**Clear things up at [3M.co.uk/Foodservice](https://www.3m.co.uk/Foodservice)**



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