



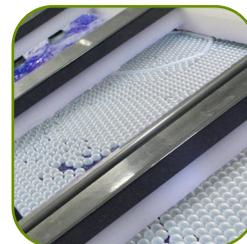
EURO - MATIC



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Floating Cover Balls

Not just a plastic ball but a solution to a problem



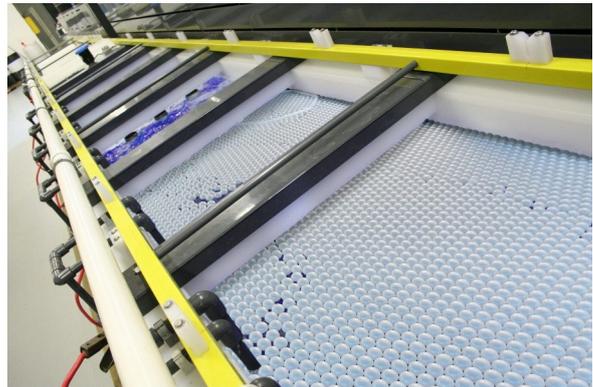
Floating Cover Balls

Not just a plastic ball but a solution to a problem

Euro-Matic **Floating Cover Balls** provide highly effective solutions to difficult liquid storage problems throughout the Processing, Petrochemical and Metal Treatment industries. By placing hollow plastic balls onto the surface of a liquid, they arrange themselves into a close packed formation covering over 91% of the surface area. This provides an extremely effective barrier significantly reducing the mass and heat transfer mechanisms operating between the liquid and surrounding environment. A thermal insulation barrier is achieved through the air held in each ball and the poor heat conductivity of plastic. The air pockets between the balls, although not sealed, also contribute to this cellular insulation system which dramatically reduces heat loss.

The low liquid surface area exposed to atmosphere dramatically reduces liquid loss through evaporation, odour release and conversely prevents surface absorption of oxygen.

	Consumption rate/h	Evaporation rate/h
Open Tank	10.73 kW / h	13 litres / m ²
With 1 layer balls	2.7 kW / h	1.67 litres / m ²
With 2 layers balls	2.04 kW / h	1.28 litres / m ²
1 layer saves	75 % heat	87.2 % liquid
2 layers saves	81 % heat	90.1 % liquid



A blanket of **Euro-matic Floating Cover Balls** presents no impediment to products or equipment which has to move through the liquid surface; the balls are pushed aside, but quickly reform their cover as the equipment moves forward or products are lifted away from the tank. The balls will rise and fall with liquid level within storage tanks, and also provide a constant cover over liquids held in reservoirs with sloping sides.



Advantages of Euro-Matic Floating Cover Balls

- Heating costs reduced by up to 75%
- Liquid loss from evaporation cut by up to 90%
- Reduced chemical consumption
- Improved working environments
- Decrease in corrosive vapours to building structures
- Lower demand on extraction and gas scrubber systems
- Dramatically reduces odours reaching the atmosphere
- Allows movement of equipment through the liquid
- Quick and simple to install, virtually maintenance free

Dia (mm)	Type	Description	Balls/m ²	Weight	HDPE	PP	PVDF
10	Standard	10mm PP 0.2g Ball	11,600	0.2g	●	●	●
15	Special	15mm PP 0.8g Ball	5,150	0.8g	●	●	
20	Standard	20mm PP 1.0g Ball	2,900	1.0g	●	●	●
25	Standard	25mm PP 1.5g Ball	1,850	1.5g	●	●	●
33	Special	33mm PP 3.5g Ball	1,060	3.5g	●	●	
36	Special	36mm PP 6g Ball	895	6.0g	●	●	
38	Standard	38mm PP 4.5g Ball	800	4.5g	●	●	●
42	Special	42mm PP 11g Ball	655	11g	●	●	
45	Standard	45mm PP 7g Ball	570	7.0g	●	●	●
46	Special	46mm PP 13.5g Ball	545	13.5g	●	●	
49	Special	49mm PP 21g Ball	480	21g	●	●	
50	Standard	50mm PP 8g Ball	465	8.0g	●	●	●
60	Standard	60mm PP 25g Ball	320	25g	●	●	
70	Standard	70mm PP 16g Ball	235	16g	●	●	
100	Standard	100mm PP 40g Ball	116	40g	●	●	
125	Standard	125mm PP 65g Ball	74	65g	●	●	
150	Standard	150mm PP 90g Ball	52	90g	●	●	

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