



## Poly

Polyethylene is the chosen material for fender and box production due to its good impact strength, UV stability, good surface finishes, processability and affordable cost.

The types of chemicals that are compatible with polyethylene are well documented over the years through testing and experience. It is impossible to list all the chemicals that do not harm the structure/performance of polyethylene but it is clear that polyethylene is a stable and generally inert material.

Rotec chemicals Ltd advise that **diesel and kerosene** can both be absorbed by polyethylene at room temperature but the effect is plasticisation and results in a stronger fender!

In ideal conditions **UV resistance** of rotomoulding grades is excellent and a service life of 10-15 years can be expected from natural or coloured products with 20-30 years on fully compounded black products.

Polyethylene is **fully recyclable**. It does not degrade to make voids in landfill, and does not emit dangerous degradation gases or contribute to groundwater pollution. With recycling, clean waste can be used for many less demanding applications. Alternatively, with properly controlled and efficient incineration, preferably linked to heat and other energy recovery systems, its high calorific value will assist the combustion of municipal solid waste. We do not guarantee our products are suitable for **food use** but polyethylene is used extensively in the food industry and grades suitable for food storage can be obtained. For casual storage of food in our tool boxes, a common place for the lunchbox, our boxes are suitable especially as the food would be protected by its own immediate packing. Our boxes do not suffer the odour problems associated with polyurethane injection moulded boxes. A copy of the "Statement on compliance to food contact regulations" for ME8168 polyethylene is available upon request.

Jonesco Fenders are made of flexible poly, therefore **ALL** dimensions are nominal.



**ISO 9001:2015**

**ISO 14001:2004**

For more information visit [www.jonescousa.com](http://www.jonescousa.com)

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