



Release Coat PW7640

food contact silicone solution

PennWhite

technical data sheet

release agents

Release Coat PW7640 is a formulated silicone solution, which is a fast curing, semi-permanent coating designed for use on metal surfaces. All components meet FDA/BGA approval for food contact

Release Coat PW7640 is a formulated semi-permanent polymethylphenyl silicone release coating.

TYPICAL PROPERTIES

Appearance:	Dark/Straw coloured Liquid
Specific Gravity:	0.99 @ 25°C.
Solvent:	Xylene/Toluene.
Solids Content:	40% +/- 2%.

APPLICATION

Release Coat PW7640 is designed as a non-stick coating for industrial bread pans and cake tins. The release coat is designed to give a hard, shiny finish on metal surfaces in contact with food products.

Release Coat PW7640 is designed to be used as received, no further dilution is required. Application can be by dipping or spraying. In most operations a coating thickness of between 10-15 microns will give the optimum results

Suggested curing cycle for coated articles

1. Fume off solvent.
2. Approx 20 mins, in oven, rising from near ambient to 200°C.
3. 20 mins approx at 235°C.
4. 10 mins at 250°C.

These details are suggestions. Users are recommended to carry out trials to determine optimum figures, depending on their specific operating conditions and methods.

NB Any metal surface to be coated with **Release Coat PW7640** should be clean and free from grease. When re-coating surfaces it is first necessary to remove the old coating by soaking for 24 hours in hot caustic solution.

The life of the coating will be dependent upon a number of factors, the baking mix, sugar content, how much release oil is used by the bakers etc. It is important that moisture MUST NOT be trapped beneath the coating on application. This will adversely effect the lifetime of the coating.

STORAGE & SHELF LIFE

When stored in its original containers at temperature below 32°C. **Release Coat PW7640** has a minimum shelf life of 8 months.

(OPA2/F2)

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