



PT. INDOWIJAYA SAKTI TEGUH

Technical data sheet

Puffin Cookware Non stick

Cookware Food contact grade Stoving Paint

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Edition from : January 2026
Replaced edition :

Product –identity no : IW-PCNS
Distribution date : June 2021

PUFFIN COOKWARE Non Stick

One component Cookware food contact grade stoving paint with high performance baking system product base on Silicone Polyester resin and fluor polymer ,Nonstick end surface ,very good for mar ,scratch ,tough resistant and indirect to flame application

1. Properties.

| | |
|--|--|
| COLOR | Black and Grey Colour |
| GLOSS LEVEL | Gloss (30-85) |
| FILM THICKNESS, DRY (µm) | 15 – 25 |
| FILM THICKNESS, WET (µm) | 45-75 |
| THEORETICAL SPREADING RATE (M ² /L) | 14-20 |
| SOLIDS (VOL %) | 35± 2 |
| DENSITY (g/cm ³) | 1 |
| FLASH POINT | 34°C ± 2% |
| Cured system | 30 minute @250'C |
| Viscosity (NK2) | 18-24 sec. visco suplay 8-12 sec. visco spray |
| Voc (g/l) | 430 |
| Tinner | Puffin Tinner CK |
| Compatibility | Silicone – Poliester-PTFE |

2. Characteristics

- 1) Recommended for stainless steel, alumunium , iron steel substrate
- 2) Non stick and indirect flame resistant
- 3) Good adhesion properties
- 4) Best corrosion resistant
- 5) Excellent mechanical properties
- 6) Good toughness and mar resistant

3. Usage

- 1) Surface preparation: To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination. Oil or grease should be removed.
- 2) Substrate Minimum Recommended :
The surface should be assessed and treated in accordance withSubstrate Minimum Recommended:

For Stainless steel Cleanliness and surface profile corresponding to Sa 2½, Fine G (ISO 8503-2)
Cleanliness and surface profile corresponding to Sa 2½, Fine G (ISO 8503-2)

For Aluminium The surface shall be hand or machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface and to remove all polish from the surface. Dry abrasive blast cleaning to SSPCSP 13/NACE No. 6.

For carbon/iron steel substrate : Sa 2½ (ISO 8501-1)

4) The surface shall be hand or machine abraded with non-metallic abrasives or bonded fibre machine or hand abrasive pads to impart a scratch pattern to the surface and to remove all polish from the surface

3) Application: airless spray, airspray, brush, roller

Spray; Recommended : Pressure at nozzle (minimum): 150 bar/2100 psi

Nozzle tip (inch/1000): 13-19

Filter Check to ensure that filters are clean.

Brush Recommended : for stripe coating and small areas.

Care must be taken to achieve the specified dry film thickness.

4) This material is a single pack, thinner : puffin CK tinner

5) Drying and Curing time:

Drying and curing times

30 minute @250 °C by oven

Heat resistance Temperature : 500 °C

6) Product compatibility : Depending on the actual exposure of the coating system, various primers and topcoats can be used in combination with this product.

Some examples are shown below.

Previous coat: PTFE Coatings

Subsequent coat: PTFE coatings or Epoxy silicone coatings

4. Precaution

1) Ensure to clean the surface before application.

2) Health and safety : Please observe the precautionary notices displayed on the container.

Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

3) Storage : The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care. Shelf life at 23 °C : 12Month(s)

5. Packing : 1,5,20 liter/can
