

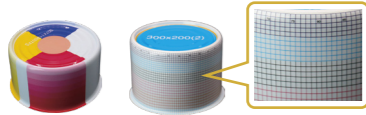


5. Case Studies / Applications

Lid END/EOE(Easy Open Ends)
Size :Dia.200 - 603



Distortion-Printed Drawn Can



High-Height DRD Can
Size :Dia.211- 307, Height 401-411



Drawn Cans – 2piece Can body



Lug Cap (Twist-Off Cap)



Aerosol can
Dome-Top,
BottomEND



Peel-Off END Ling



Gallon can, Pail can



CAUTIONS REGARDING USE

■ **Can content**

A corrosion-resistance evaluation is necessary depending on the conditions of use. Contact us beforehand.

■ **Surface smoothness**

The surface smoothness is different when comparing the lacquer coate and the resin, and transport faults or processing defects could occur depending on the use environment. Contact us if any problem occurs.

■ **Retort method**

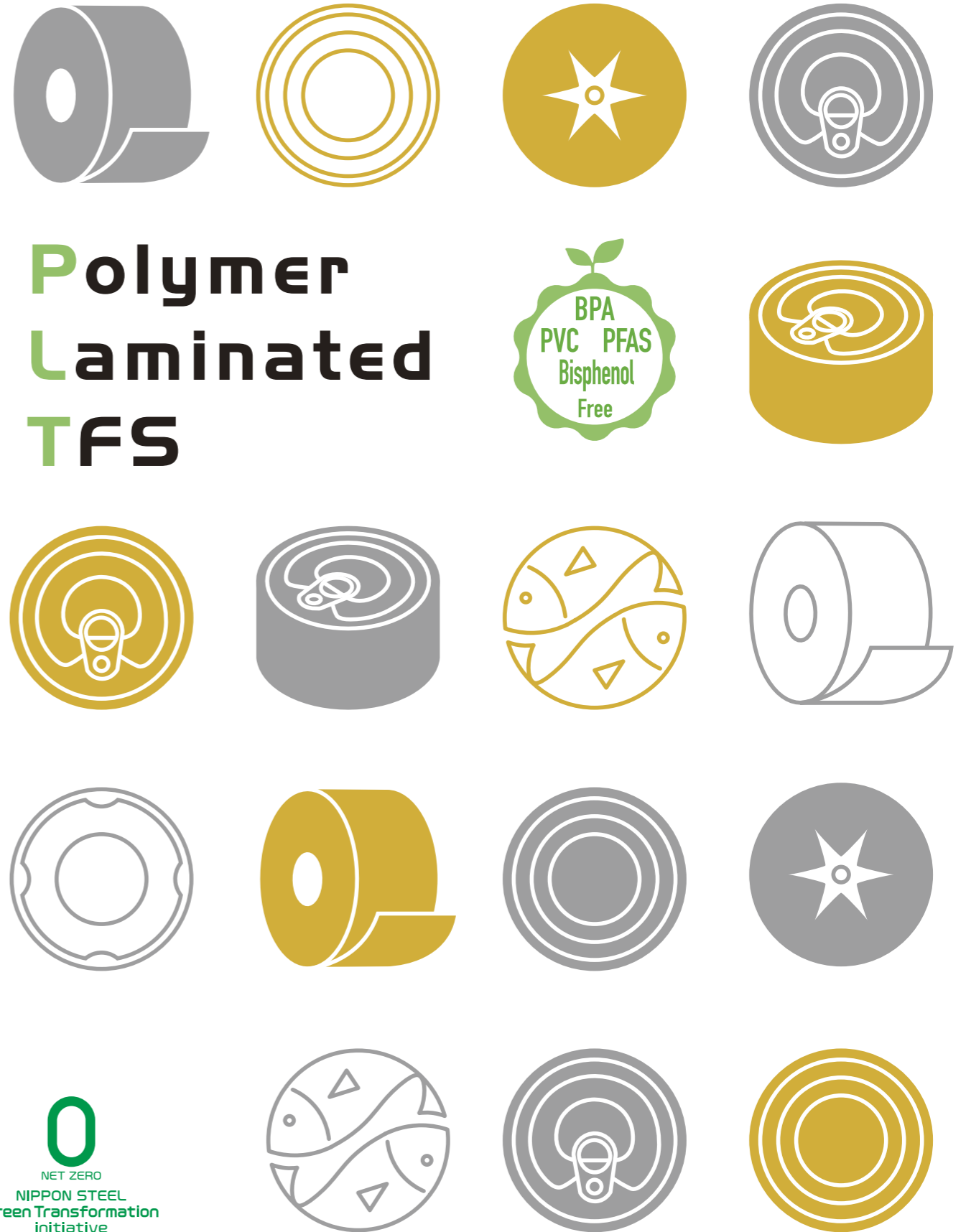
In the case of a drop batch-type method of Retort process, cans could hit against each other, the impact of which could damage the surface of the resin.

■ **UV ink, Paint**

Some UV-type inks and Paints have weak affinity (adhesion) with PET resin. Contact us if any problem occurs.

Notice :

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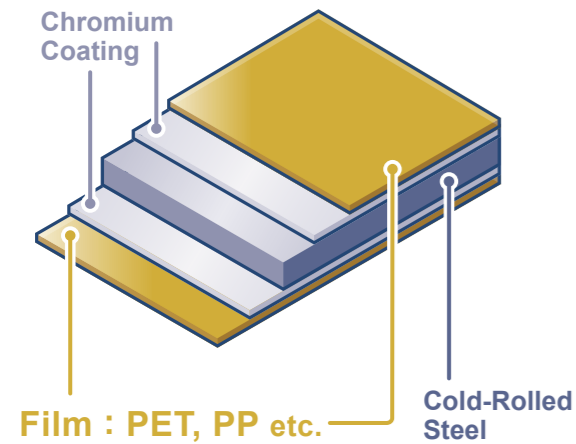
Polymer Laminated TFS



1. Product Overview

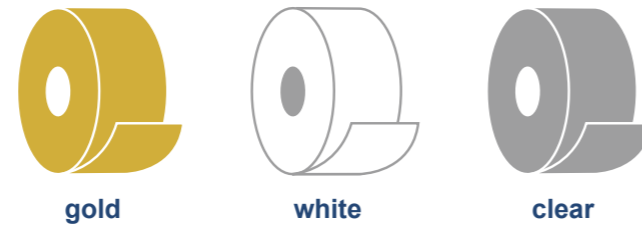
✔ “Polymer Laminated TFS” is a flagship solution through which Nippon Steel delivers maximum value to customers.

Polymer Laminated TFS (Resin Coated Plate Steel)



- Available for both sides
- Recommend suitable type of film for each content

Available Film Colors



Resin type	Film Type	Color	NSC Film code	Main characteristics
PET	A	Clear	RC12A,RC20A	•High impact resistance
	B	Clear White	RC20B RW13B,RW20B	•High processing property •Supporting printing application
	C	Clear Gold	RC12C RG12C	•Blushing-free property
	D	Clear	RC20D	•Contents (Meat) release property
PP	P	Clear	C40P	•Application for Peelable Ends, etc.

2. Features

1 Eco Friendly

- CO₂ reduction, future green
- Fully recyclable for sustainability
- VOC-free, safer & cleaner

2 Food Safety

- Conform to safety regulations
- Approved by GFSI
- DoC available

3 Cost Reduction

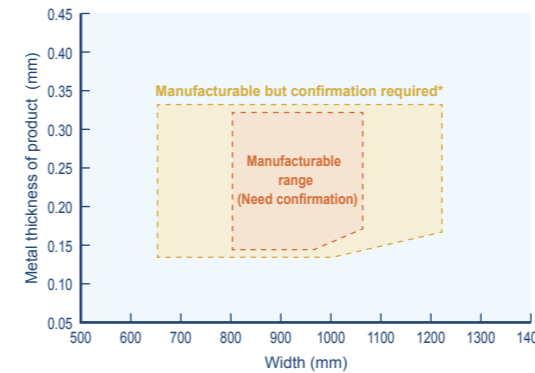
- Less operating expenses
- Save investment required
- Optimized inventory for better efficiency

4 High Quality

- Flavor preservation
- Good processability for many uses
- Compatible with various ingredients

3. Manufacturing

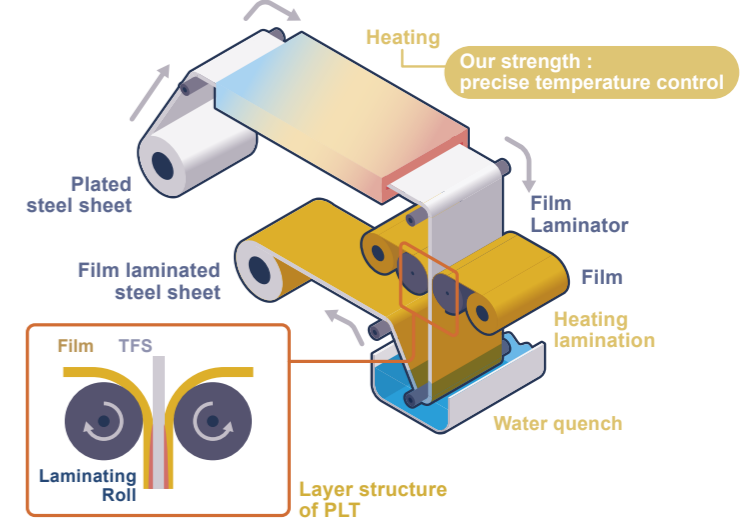
Manufacturing size range



*As these ranges vary depending on degree of temper, type of annealing and others, the range above is for reference. We would appreciate being allowed to check and confirm with detailed conditions.

Process - Heat Lamination System -

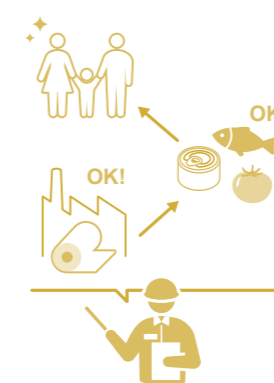
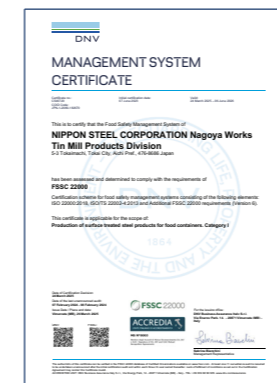
NSC's film technology uses heat lamination. This system offers excellent corrosion resistance and formability.



4. Declarations of Conformity for foods can

✔ NSC has been approved with various certifications as below.

FSSC 22000 Since 2023



an international standard approved by GFSI as a food safety certification scheme, which requires “establishing a food safety management system for the purpose of providing safe food to consumers”. FSSC 22000 also includes ISO22000 as well as HACCP.

HALAL

If necessary, we can issue Non-Use Declaration letter for the following materials required to HALAL certification.

- Animal-derived substances
- alcohol
- enzymes



Food Contact Materials(FCM)

We can issue DoC (Declaration of Compliance) letter for the following regulations.

- FDA/USA (Food and Drug Administration)
- EU FCM
- Health Canada
- ANVISA/Brazil (Agência Nacional de Vigilância Sanitária)

