

Maximum width: 1500 mm
Rolls are also available
Thickness: 1–8 mm
Colours: grey or under agreement

• DESCRIPTION

These sheets are based on polypropylene filled with talc. Extruded PTT sheets are distinguished by increased rigidity and a higher temperature heat distortion (HDT).

• TO FULFILL STANDARDS

The plastic material requirements for the use in the industry are becoming ever stricter. Simultaneously, different standards and different material requirements concerning the use of materials, which must comply with all the required standards in the industry, are originating. With the use of Isoform PPT20 sheets you will comply even with the strictest of standards, making your business operations more simple and avoiding unnecessary worries and saving time and money.

• FIELDS OF APPLICATION

The sheets are also used in automotive industry, aerospace, marine, shipbuilding and of course sterilization.

ISOFORM PPT20 is ideally suited for:

Sterilization industry

Automotive

Chemical engineering

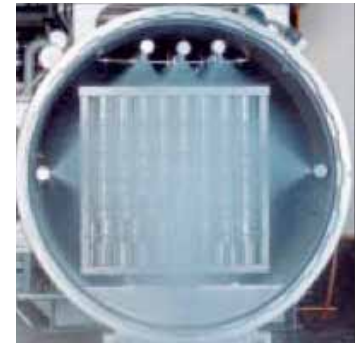
Electro industry



• SITUATION

In food industry new materials and ways of packaging food and beverages is constantly appearing.

Frequently these packaging (glass jars, plastic trays, cans, bottles) has to go through a difficult sterilization or pasteurization process in autoclaves.



• PROBLEM

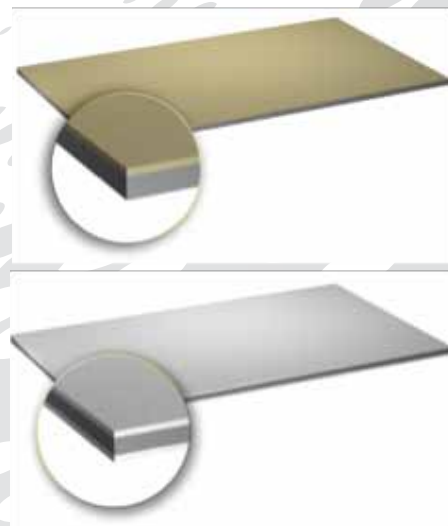
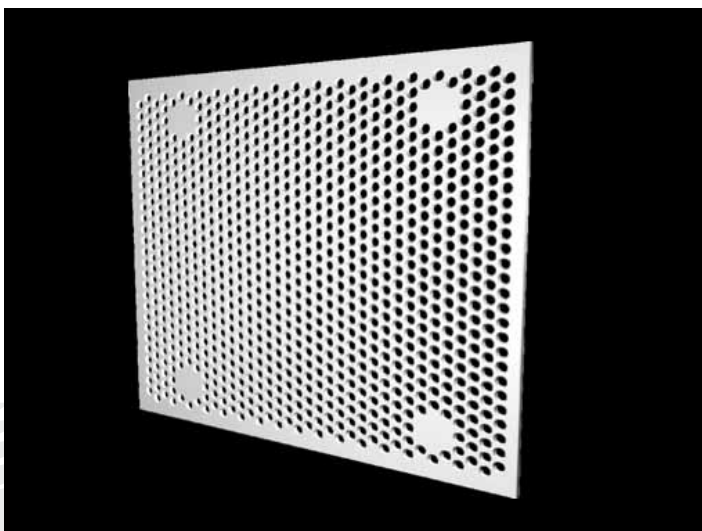
Using standard layerpads can often cause :

- **scratches** on packaging surface.
- **damage** on packaging **from impact** while filling the basket.

• SOLUTION

LAYERPADS PPH SS2 COEX - TPE (RUBBER) - ONE SIDE OR BOTH SIDE

multi-layer layerpads with both or one side rubber layer for sensitive packaging example sensitive glass jar caps .



• ADVANTAGES & SAVINGS

- Material with very good mechanical properties and soft anti-scratching surface with anti-slip properties
- Lower cost, easier manipulation and better performance in comparison with silicon pads.
- Very good chemical resistance
- High temperature resistance
- FDA certificate

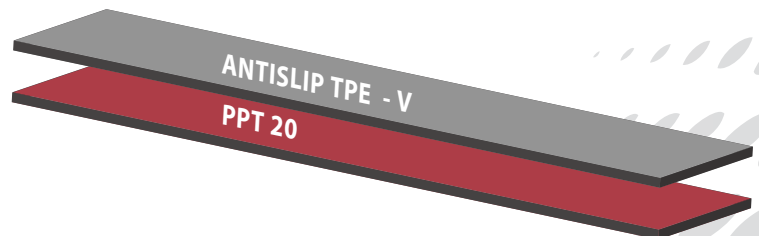
• Do you participate in the food industry and you wish to use longer-lasting intermediate crane plates for the sterilization process?

Sterilization in autoclaves is done in temperatures of up to 122°C. Intermediate crane plates are therefore exposed to temperature changes, moisture, chemical solutions, weight of products, etc. Because of this, the selection of a suitable crane plate material is of key importance.

• At Isokon, we just might have the right solution!

Isoform PPT is a polypropylene based composite material and is physiologically impeccable, thus appropriate for food product contact.

Top layer is produced from antislip TPE – V material for better grip and scratch resistance of cans.



• Why is the selection of Isoform sheets the only correct decision?

- Because of extreme stability, they are highly **resistant** to temperature changes, making temperature change problems disappear
- They are **corrosion resistant**
- Because of their **high** bending module, they are more than suitable for intermediate crane plates in the complex food product thermal treatment
- They are **easier** to perforate and are substantially lighter when compared to metal plate

• TECHNICAL DATASHEET - ISOFORM® PPT20

1. DESCRIPTION:

ISOFORM PPT20 is an extruded sheet from polypropylene homopolymer mineral filled.

2. PROPERTIES

	Norm	Value	Deviation	Unit
Density	ISO 1183	1,05		g/cm ³
Hardness	ISO 868	77	± 2	Shore D
Tensile E-modulus	ISO 527	2500	± 10 %	MPa
Tensile strength	ISO 527	32	± 10 %	MPa
Strain at tensile strength	ISO 527	> 11	± 10 %	%
HDT (0,46 MPa)	ISO 75	130		°C

• 3. REMARKS:

Our advice offered with regard to application technique, provided verbal, in writing, or by experiment, is based on the best of our knowledge and ability. It can however be regarded only as non binding guidance, also in respect of third party patent and proprietary rights, and does not release the recipients of the obligation to conduct their own tests on the products supplied by us with regard to suitability for the anticipated procedures and purposes.

Application, use, and processing of products is effected beyond our possible control, and accordingly is the sole and exclusive responsibility of recipients. We do of course guarantee the perfect quality of our products, subject to the provisions of our General Conditions of Sale and Delivery.