

**LA FIERA DEDICATA A INNOVAZIONE,  
TECNOLOGIE, AFFIDABILITÀ E COMPETENZE 4.0**

**TORINO 08 APRILE 2022**

**IMBALLAGGI ALIMENTARI: IL DIFFICILE  
COMPROMESSO TRA LE ESIGENZE DEL CLIENTE  
E LE CARATTERISTICHE FONDAMENTALI  
PER IL PRODOTTO E LA PRODUZIONE**

**Zardetto Stefano**

**Tecnologo Alimentare**

**RESPONSABILE AQ & RD GRUPPO VOLTAN**





SHELF LIFE

SOSTENIBILITA'

STOCCAGGIO  
TRASPORTO

PACKAGING

PRESENTAZIONE

INFORMAZIONI



**R**  
REMOVE

**R**  
REDUCE

**R**  
REUSE

**R**  
RECYCLE



**100% RECYCLABLE**

**Remove it** where we can.

**Reduce it** where we can't.

**Reuse** more.

**Recycle** what's left.



# UK Packaging Preferred Materials & Formats Guidelines 2021 – Own Label and Branded.

Version: PM03  
Date: 100321

Red		Amber		Green	
Not to be used as customers cannot easily recycle (UK)		When functional requirements mean green materials are not an option		Preferred for UK recycling via kerbside or store	
Materials	Formats & Designs	Materials	Formats & Designs	Materials	Formats & Designs
<p>Compostable/PLA &amp; Biodegradable Plastics</p> <p>Oxy/Oxo degradable Plastics</p> <p>Polystyrene</p> <p>PVC</p> <p><u>PVdC</u></p> <p>MDF</p> <p>Water Soluble Plastics</p> <p><u>Waxed paper</u></p>	<p>Rigid Black Plastic</p> <p>Expanded/Foamed/Density Modified Plastics</p> <p>Paper/board laminated on both sides</p> <p><u>Complex laminates using aluminium layers for decoration</u></p> <p><u>Hi/Mid-Cones</u></p> <p><u>Plastic straws &amp; cutlery</u></p> <p>Glitter</p>	<div style="background-color: blue; height: 40px; width: 100%;"></div> <p><u>NIR Black HDPE (non food grade)*</u></p> <p>Non PE flexible films (incl. Complex laminates)**</p> <p>Foiled paper</p> <p><u>Wood &amp; Cork</u></p> <p>New material innovations</p>	<p>Beverage/Liquid Food Cartons</p> <p><u>Composite Drums</u></p> <p>Shrink sleeves (perforated, include messaging to remove, <u>max ink coverage of 60%</u>)</p> <p><u>Spouted pouches of mixed material</u></p>	<p>Glass</p> <p>PET (Rigid)</p> <p>PE (Rigid &amp; Flexible)</p> <p>PP (Rigid)</p> <p>Steel &amp; Aluminium</p> <p>Cardboard</p> <p>Paper</p> <p>Glassine (<u>non-siliconised</u>)</p>	<p>Paper/board with plastic; single side lamination &lt;15% by weight (incl. windows)***</p> <p>Mono PET lidding film on PET tray perm-welded</p> <p><u>Mono material pouch</u></p>

AREE INTERVENTO  
ESIGENZE CLIENTE

ESIGENZE/CONSEGUENZE  
PER LA PRODUZIONE

Riduzione dello spessore

Rimozione di alcuni materiali barriera

Progettazione nuovi imballi

Materiali con % Riciclo

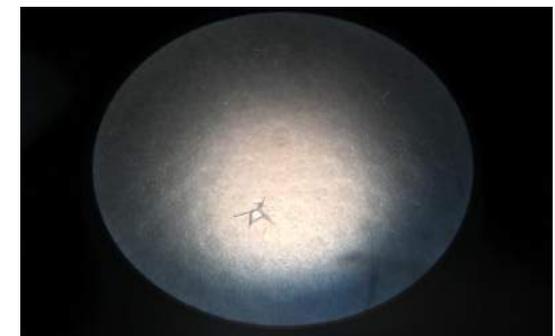
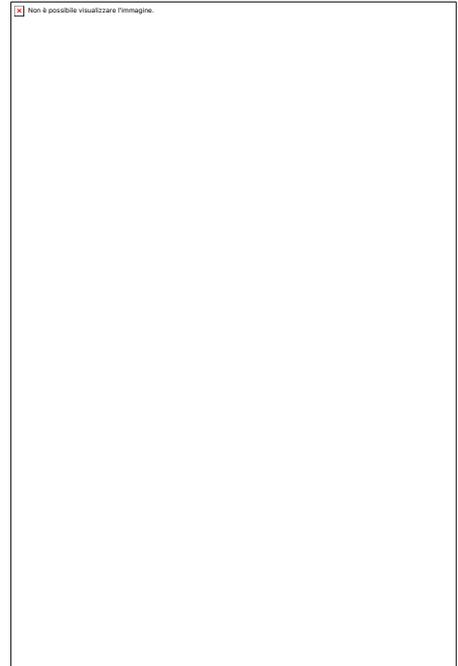
Materiali riciclabili

Variazioni TR

Macchinabilità

Difettosità

Configurazione Pallet/Trasporti



forme migliori.

*Grazie per l'attenzione*

*Il made in Italy*



*Made in Italy - true authentic Italian pasta.*