



## Material information

- MediDispenser
- Trays
- Inlay-dishes
- Sliding-lids
- MediCups
- Cytostatics-blending-cannula



# Dispenser



<b>Material</b>	PS: Polystyrene (food foil, certified)	
<b>Temperature tolerance</b>	- 40° C to + 60° C (material tests of manufacturer)	
<b>Flexibility</b>	Fragile, hard, avoid hits The material is light sensitive. Avoid UV-exposure	
<b>Chemical Stability</b>	No damages by: acids, alcohol, bases Damages by: oxidants, hydrocarbons, ketone, ester, aldehyde, acetone	
<b>Recycling</b>	<ul style="list-style-type: none"> <li>- Emission free recycling</li> <li>- Energy recycling (fuel) no reservations</li> <li>- Very good ecological balance</li> </ul>	
<b>Cleaning reference</b>	<p>Washable Chemicals</p> <p>Dishwasher</p> <p>Sterilisation</p>	<p>with frequent use of caustic solutions, alcohol and acids, the plastic becomes brittle at 55° C (eco-program) without any problem, at 65° C maximum 45 min. running time at 95° C (industrial rinsing machines) 2 min. running time unsuitable</p>

# Inlay-dish

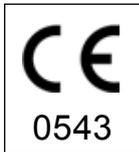
(translucent, coloured)



<b>Material</b>	PS: Polystyrene (food foil).	
<b>Temperature tolerance</b>	- 40° C to + 60° C	
<b>Flexibility</b>	Fragile, hard, avoid hits	
<b>Chemical Stability</b>	No damages by: acids, alcohol, bases Damages by: oxidants, hydrocarbons, ketone, ester, aldehyde, acetone	
<b>Recycling</b>	<ul style="list-style-type: none"> <li>- Emission free recycling</li> <li>- Contains no latex, fluorine, cadmium, lead, bromine, chlorine.</li> <li>- Energy recycling (fuel) no reservations</li> <li>- Very good ecological balance</li> </ul>	
<b>Cleaning reference</b>	Washable Chemicals Dishwasher Sterilisation	with frequent use of caustic solutions, alcohol and acids, the plastic becomes brittle at 55° C (eco-program) without any problem, at 65° C maximum 45 min. running time at 95° C (industrial rinsing machines) 2 min. running time gas, radioisotopes, (no steam!)

# MediCups

25 ml one-way cups  
 with millimetre graduation



<b>Material</b>	<ul style="list-style-type: none"> <li>- PP: Polypropylene</li> <li>- Cup in 5 colours with white cover, translucent</li> </ul>	
<b>Temperature Tolerance</b>	- 190° C to + 130° C	
<b>Flexibility</b>	Malleable, pliable	
<b>Chemical Stability</b>	No damages by: acids, alcohol, bases	
<b>Tests</b>	CE marking: class 1 medicinal product without graduation	
<b>Recycling</b>	<ul style="list-style-type: none"> <li>- Emission free recycling</li> <li>- Contains no latex, no cadmium pigments</li> <li>- Energy recycling (fuel) no reservations</li> <li>- Very good ecological balance</li> </ul>	
<b>Cleaning reference</b>	<p>Chemicals      with frequent use of caustic solutions, alcohol and acids, the plastic becomes brittle</p> <p>Dishwasher    at 55° C (eco-program) without any problem, at 65° C maximum 45 min. running time at 95° C (industrial rinsing machines) 2 min. running time</p>	
	Sterilisation	in autoclave

Single-use inlay-dish- and blister

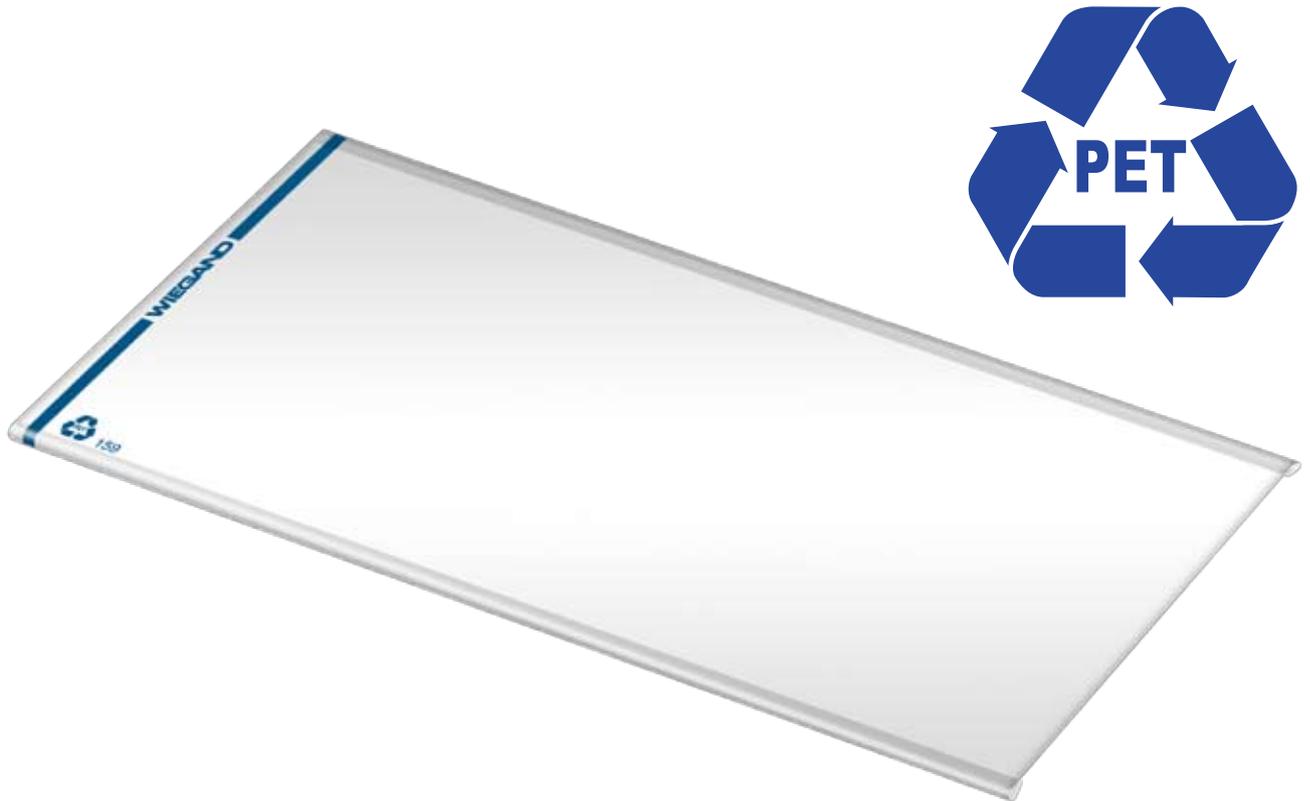
(transparent)



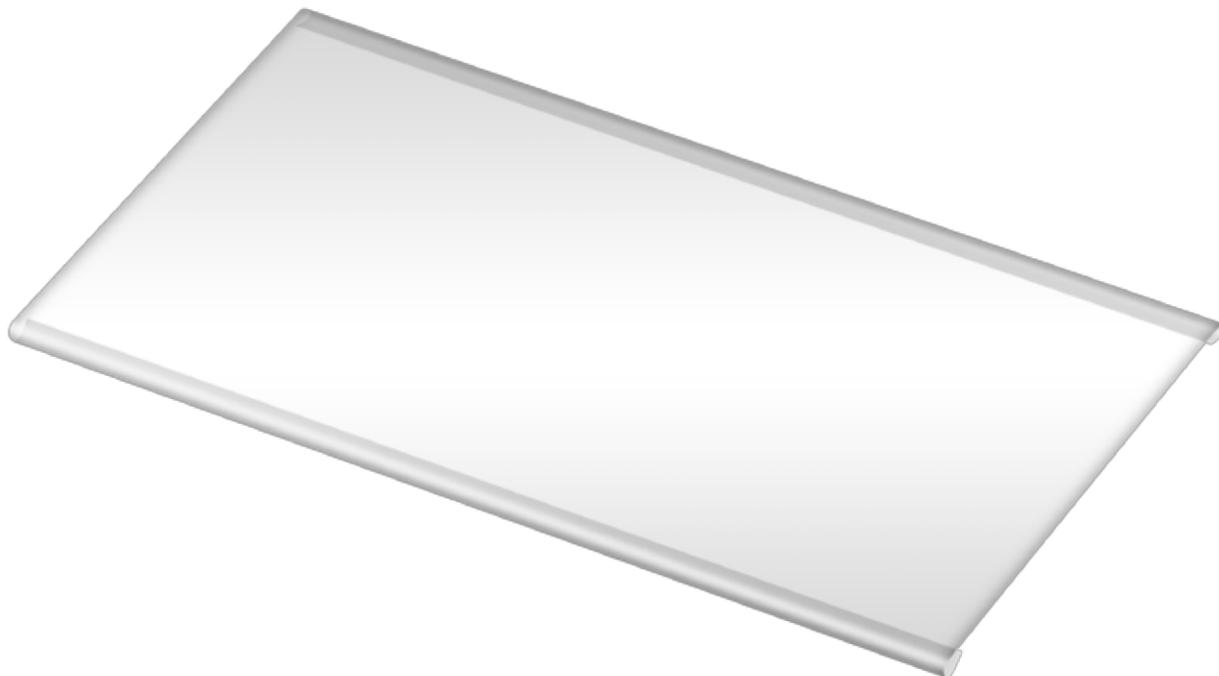
<b>Material</b>	<ul style="list-style-type: none"> <li>- PET: Polyethyleneterephthalat (suitable for food)</li> <li>- Contains no latex and no softeners</li> </ul>	
<b>Temperature Tolerance</b>	- 50° C to + 100° C	
<b>Flexibility</b>	High consistency, abrasion-proof, deforms by heat	
<b>Chemical Stability</b>	<ul style="list-style-type: none"> <li>- No material damages by alcohol</li> <li>- Damages by: acids, bases, aldehyde, ester, hydrocarbons, oxidants</li> </ul>	
<b>Recycling</b>	<ul style="list-style-type: none"> <li>- Emission free recycling</li> <li>- Energy recycling (fuel) no reservations</li> <li>- Very goodecological balance</li> </ul>	
<b>Cleaning reference</b>	No hot water Chemicals Dishwasher Sterilisation	(Hydrolysis), PET deforms by heat Acetone damages the material Not suitable (material deforms) Gas, radio-isotope (no steam!)

Sliding-lid

(transparent)



<b>Material</b>	PET: Polyethyleneterephthalat (suitable for food)	
<b>Temperature Tolerance</b>	max. 40° C	
<b>Flexibility</b>	High consistency, abrasion-proof, deforms by heat. PET is UV-B, UV-C-FUV, UV-C-VUF, EUV and XUV resistant	
<b>Chemical Stability</b>	<ul style="list-style-type: none"> <li>- No material damages by alcohol</li> <li>- Damages by: acids, bases, aldehyde, ester, hydrocarbons, oxidants</li> </ul>	
<b>Recycling</b>	<ul style="list-style-type: none"> <li>- Emission free recycling (contains no bisphenol A or halogen)</li> <li>- Energy recycling (fuel) no reservations</li> <li>- Very good ecological balance</li> </ul>	
<b>Cleaning Reference</b>	No hot water	(Hydrolysis), Sliding-Lid deforms with heat and the brim opens. Clean with luke-warm water and mild detergent.
	Chemicals	Not allowed
	Dishwasher	Not suitable (material deforms)
	Sterilisation	Gas, radio-isotope (no steam!)
<b>Peculiarity</b>	WIEGAND® sliding-lids are humidity-proof (scientific test in GB). The clamping action originates through elasticity	



<b>Material</b>	<ul style="list-style-type: none"> <li>- PVC: Polyvinyl chloride 0.3 mm</li> <li>- Contains no latex and no softeners</li> </ul>	
<b>Temperature Tolerance</b>	20° C to + 55° C	
<b>Flexibility</b>	hit resistant, pliable	
<b>Chemical Stability</b>	<ul style="list-style-type: none"> <li>- No material damages by alcohol</li> <li>- Damages by: acids, bases, aldehyde, ester, hydrocarbons, oxidants</li> <li>- Printable</li> </ul>	
<b>Tests</b>	EU: Requirements about heavy metal content: 94/62/EEC; and guidelines 2002/72/EC DE: Ordinance about material of 23.12.1997; BfR advice II, IX und LII.	
<b>Recycling</b>	<ul style="list-style-type: none"> <li>- Emission free recycling</li> <li>- Energy recycling (fuel) no reservations</li> <li>- Very good ecological balance</li> </ul>	
<b>Cleaning Reference</b>	Washable Chemicals  Dishwasher Sterilisation	Alcohol and acids blur the material Acetone damages the material not suitable (material deforms) Gas, radio-isotope (no steam!)
<b>Peculiarity</b>	WIEGAND® sliding-lids are humidity-proof (scientific test in GB)	

**BlisterBox**

(translucent)



<b>Material</b>	PP: Polypropylene 0.8 mm	
<b>Temperature Tolerance</b>	<ul style="list-style-type: none"> <li>- Optimal material property by approx. 23°C</li> <li>- Deformation by 70°C, melting point by 120°C</li> <li>- If stored by the freezing point the plastic becomes brittle (put cooled boxes 24-48 hours in room temperature before folding)</li> </ul>	
<b>Material Peculiarity</b>	<ul style="list-style-type: none"> <li>- Density: 0.91</li> <li>- Hit- and shock resistant</li> <li>- Pliable, flexible</li> </ul>	
<b>Opacity</b>	<ul style="list-style-type: none"> <li>- Translucent (white)</li> <li>- Transparency: 75-80 %</li> </ul>	
<b>Chemical Stability</b>	<ul style="list-style-type: none"> <li>- Polypropylene is a polymer which reacts in contact with some solvents</li> <li>- Don't use acetone</li> <li>- Water-, fat- and alcohol resistant (emission free)</li> </ul>	
<b>Environment / Recycling</b>	<ul style="list-style-type: none"> <li>- Emission free recycling, the material is indifferent and nontoxic</li> <li>- Energy recycling (fuel) no reservations, very good ecological balance</li> <li>- The product was manufactured in a waterless process</li> <li>- Free of halogens or ozone-depleting substances (FCKW)</li> <li>- It meets comestible-, toys- and CONEG-standards</li> </ul>	
<b>Cleaning Reference</b>	Washing	with soapsuds, lukewarm water
	Disinfection	with alcohol and standard disinfectants
	Sterilisation	unsuitable

## Pill processing



PillCrusher WIEGAND®  
 Article No. 97

**Material**

Synthetic parts: Polyamid (Akulon® K222-D). Does not contain heavy metals cadmium, lead, mercury and chromium IV or PolyBrominated Biphenyl (PBB) or PolyBrominated DiphenylEthers (PBDE). Complies to EC directives 2002/95/EC. No health or environmental hazards known.  
 Mortar: stainless steel

**Temperature tolerance**

Temp. of deflection 65°C, melting temperature 220°C

**Cleaning directives**

Chemicals	usual disinfectants are unproblematic, do not use aggressiv chemicals as Acetone
Dishwasher	55° C without hesitation
Sterilisation	not suitable

# Pill processing

MediCrusher WIEGAND®  
 Article No. 98T.1



MediSplitter WIEGAND®  
 Article No. 96T



**Material**

PC: Polycarbonate (Makrolon) is food suitable (21 CFR 177.1580)  
 The material is certified in USA in accordance with FDA, NSF, USDA  
 and CPSC.CPSC.

**Temperature tolerance**

Deflection by 60° C, melting point by 280° C

**Environment / Recycling**

recyclable



**Cleaning directives**

Chemicals

commercial disinfectants are unproblematic,  
 no aggressive cleaner as acetone etc.  
 Dishwasher at 55° C (Eco programme) without hesitation  
 Sterilisation unsuitable