



## BARRIER COATINGS REFERENCE GUIDE

The ultimate guide to finding the best substrate  
and coating match for your end application.

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## Quick Service Restaurants

| TYPICAL FOOD TYPES                                                                                  | PACKAGE        | FINISHING          | INSIDE FOOD PACKAGE                                                                | OUTSIDE FOOD PACKAGE                        |
|-----------------------------------------------------------------------------------------------------|----------------|--------------------|------------------------------------------------------------------------------------|---------------------------------------------|
| French Fries<br>   | Folding Carton | Printed/Glued      | KELAQ9300DR<br>ACTGreen®<br>Barrier Coating /<br>KELAQ9201DR<br>ACTGreen® Top Coat | KELAQ90002D<br>ACTGreen®<br>Barrier Coating |
| Hamburger<br>      | Clamshell      | Printed/Glued      | KELAQ9300DR<br>ACTGreen®<br>Barrier Coating /<br>KELAQ9201DR<br>ACTGreen® Top Coat | KELAQ90002D<br>ACTGreen®<br>Barrier Coating |
| Chicken Strips<br> | Folding Carton | Printed/Glued      | KELAQ9300DR<br>ACTGreen®<br>Barrier Coating /<br>KELAQ9201DR<br>ACTGreen® Top Coat | KELAQ90002D<br>ACTGreen®<br>Barrier Coating |
| Beverage Trays<br> | Molded Pulp    | Stamped/<br>Molded | KELAQ90002D<br>ACTGreen® Barrier<br>Coating                                        | KELAQ90002D<br>ACTGreen®<br>Barrier Coating |

## Dry Food - Room Temperature

| TYPICAL FOOD TYPES                                                                                      | PACKAGE                | FINISHING     | INSIDE FOOD PACKAGE                                                                | OUTSIDE FOOD PACKAGE                              |
|---------------------------------------------------------------------------------------------------------|------------------------|---------------|------------------------------------------------------------------------------------|---------------------------------------------------|
| Bag in a box<br>       | Folding Carton         | Printed/Glued | KELAQ90002D<br>ACTGreen® Barrier<br>Coating                                        | Please see<br>compatible<br>coatings on<br>page 3 |
| Sleeves<br>           | Cup or Bowl<br>Carrier | Printed/Glued | Please see compatible<br>coatings on page 3                                        | Please see<br>compatible<br>coatings on<br>page 3 |
| Multi Packs<br>      | Folding Carton         | Printed/Glued | Please see compatible<br>coatings on page 3                                        | Please see<br>compatible<br>coatings on<br>page 3 |
| Primary Packages<br> | Folding Carton         | Printed/Glued | KELAQ90002D<br>ACTGreen® Barrier<br>Coating                                        | KELAQ90002D<br>ACTGreen®<br>Barrier Coating       |
| Bakery Boxes<br>     | Folding Carton         | Printed/Glued | KELAQ9300DR<br>ACTGreen®<br>Barrier Coating /<br>KELAQ9201DR<br>ACTGreen® Top Coat | KELAQ90002D<br>ACTGreen®<br>Barrier Coating       |

\*Due to strict requirements concerning FDA compliant packaging, consult with your Spicers Sales Representative to ensure your packaging meets FDA compliancy.

## Refrigerated/Frozen Food

| TYPICAL FOOD TYPES                                                                                      | PACKAGE        | FINISHING               | INSIDE FOOD PACKAGE                      | OUTSIDE FOOD PACKAGE                     |
|---------------------------------------------------------------------------------------------------------|----------------|-------------------------|------------------------------------------|------------------------------------------|
| <b>Multi Packs</b><br> | Folding Carton | Printed/Glued           | KELAQ9200DR<br>ACTGreen® Barrier Coating | Please see compatible coatings on page 3 |
| <b>TV Dinners</b><br>  | Folding Carton | Printed/Glued           | KELAQ9200DR<br>ACTGreen® Barrier Coating | Please see compatible coatings on page 3 |
| <b>Sleeves</b><br>     | Cup Carrier    | Printed/<br>Heat Sealed | KELAQ9200DR<br>ACTGreen® Barrier Coating | KELAQ791D<br>LiquiShield®<br>AQ Barrier  |
| <b>Pizza Boxes</b><br> | Folding Carton | Printed/Glued           | KELAQ9201DR<br>ACTGreen® Barrier Coating | Please see compatible coatings on page 3 |

## Industrial - NonFood

| TYPICAL FOOD TYPES                                                                                        | PACKAGE        | FINISHING     | INSIDE FOOD PACKAGE                     | OUTSIDE FOOD PACKAGE                     |
|-----------------------------------------------------------------------------------------------------------|----------------|---------------|-----------------------------------------|------------------------------------------|
| <b>Parts Cartons</b><br> | Folding Carton | Printed/Glued | KELAQ9501D<br>ACTGreen® Barrier Coating | Please see compatible coatings on page 3 |

## Other Food Service Item

| TYPICAL FOOD TYPES                                                                                                  | PACKAGE        | FINISHING              | INSIDE FOOD PACKAGE                                                                | OUTSIDE FOOD PACKAGE                     |
|---------------------------------------------------------------------------------------------------------------------|----------------|------------------------|------------------------------------------------------------------------------------|------------------------------------------|
| <b>Take Out Boxes</b><br>        | Folding Carton | Folded Sheet/<br>Glued | KELAQ9300DR<br>ACTGreen®<br>Barrier Coating /<br>KELAQ9201DR<br>ACTGreen® Top Coat | Please see compatible coatings on page 3 |
| <b>Leftover Containers</b><br>   | Clamshell      | Stamped                | KELAQ9300DR<br>ACTGreen®<br>Barrier Coating /<br>KELAQ9201DR<br>ACTGreen® Top Coat | Please see compatible coatings on page 3 |
| <b>Vending Machine Trays</b><br> | Tray           | Folded Sheet/<br>Glued | KELAQ9300DR<br>ACTGreen®<br>Barrier Coating /<br>KELAQ9201DR<br>ACTGreen® Top Coat | KELAQ791D<br>LiquiShield®<br>AQ Barrier  |

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## Compatible Coatings

| STARKOTE® AQ COATINGS                                                    | ULTRASHEEN®UV COATINGS                                                                                                                                              |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| KELAQ30202D (Matte)                                                      | KELUV9208PA (ACTEGA UltraSheen® High Adhesion Workhorse UV )                                                                                                        |
| KELAQ30402D (Satin)                                                      | KELUV9234BFD (ACTEGA UltraSheen® Gloss BF)                                                                                                                          |
| KELAQ7022D (Gloss W&T)<br>KELAQ7032D (Gloss)<br>KELAQ5011PA (Soft Touch) | More compatible coatings available upon request. Please contact your Spicers Sales Representative if you have questions or would like to request a specific finish. |

ACTEGA ACTGreen® Coatings are compatible with, but not limited to the following application systems:

- Chambered and Open Anilox coaters
- Metering roller coaters
- Flexographic systems
- In-line and off-line coaters
- Rod coaters

ACTGreen® Barrier Coatings meet the objectives of efficiency, performance and regulatory compliance. By replacing PE-layers, avoiding plastic waste and facilitating the recycling of end products, they are fully in line with sustainability requirements. ACTGreen® Barrier Coatings include water-based barrier coatings for various applications and end uses. Depending on your needs, products are available for packaging converters and printers or the paper industry.

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Please contact your local Spicers Sales Consultant for more information.

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