

# DTR

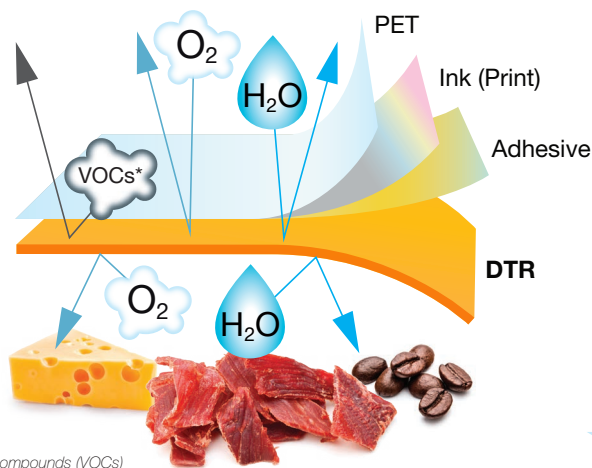
Dual protection from oxygen & moisture transmission



# High Barrier Packaging Comparison Chart

★★★★ - Good / ★ - Poor

	PET/DTR	PET/EVOH Coex	AloxPET/LLDPE	KPET/LLDPE	PET/VMPET/LLDPE
OTR	★★★★	★★★★	★★★★	★★	★★★★
WVTR	★★★★	★★	★★★★	★★	★★★
Window	★★★★	★★★★	★★★★	★	-
Organoleptics	★★★★	★★★★	★	★★★	★★★★
Flex Crack Resistance	★★★★	★★★★	★	★★	★★



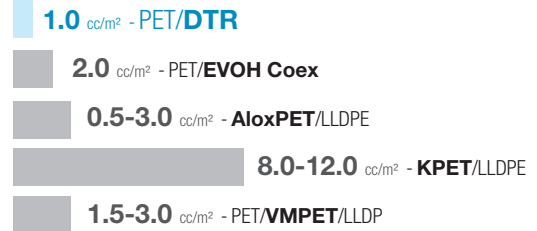
\* Volatile Organic Compounds (VOCs) vaporize at low temperatures, allowing them to migrate through layers as gases



- Excellent barriers for OTR & WVTR
- Transparent alternative to metallized films
- Enhanced organoleptics, elimination of solvent smell & taste from coatings
- Eco-friendly alternative, eliminates toxic byproducts
- Low heat sealability & excellent hot tack strength for efficient processing

## OTR Comparison

Comparative data for 4 mil thickness, measured at a standard temperature of 73°F (23°C), and 0% relative humidity (RH)



## WVTR Comparison

Comparative data for 4 mil thickness, measured at a standard temperature of 100°F (38°C) and 98% relative humidity

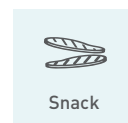
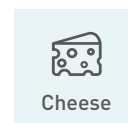




## Redefining moisture protection to defend and display freshness, all in one package.

The next generation in high barrier packaging, Flair's DTR film offers exceptional barrier properties to maintain your product freshness, while expanding opportunities for your brand to showcase those fresh characteristics on the shelf. Optimized for food products, DTR consolidates the advantages of conventional materials into a single structure to deliver a more comprehensive high barrier solution.

Featuring barrier properties to rival metallized structures and enhanced shelf display of coatings, Flair's unique DTR structure incorporates barrier properties directly into the structure to eliminate common challenges such as flex crack, which destroys barrier properties in metallized films, or the residual solvent smell and taste from coatings that compromise your product's organoleptics. Complete with performance characteristics to ensure a smooth, efficient processing experience, DTR reimagines moisture protection to enhance your product freshness and visual appeal at the same time, with the consistency and reliability of a true packaging solution.



# INNOVATION CENTER

**Flair's Innovation Center represents our commitment to expand our resources beyond expectation, and to partner with our customers to deliver results beyond packaging.**

From analyzing your requirements and innovating unique structures, to printing and performance testing on specialized equipment that simulates your processing conditions, Flair's Innovation Center offers in-house support for your needs from start to finish, providing uncompromising quality in packaging solutions.



**Analytical Lab / Calgary, Canada**  
Scientific Perspective



**Converting Facility / Incheon, South Korea**  
Converting Perspective



**Extrusion Facility / Pyeongtaek, South Korea**  
Film Extrusion Perspective



**Application Lab / Calgary, Canada**  
End-User Perspective

## Market-Driven & Customer-Focused Innovation, Since 1992

Flair Flexible is a privately-held, fully-integrated packaging manufacturer, focused on comprehensive support and solutions for your packaging needs, no matter your size or budget. Complete with GFSI-recognized FSSC22000 certification of our food safety management system, Flair's products are FDA, USDA & CFIA compliant for safe solutions you can rely on.



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1-888-202-3522