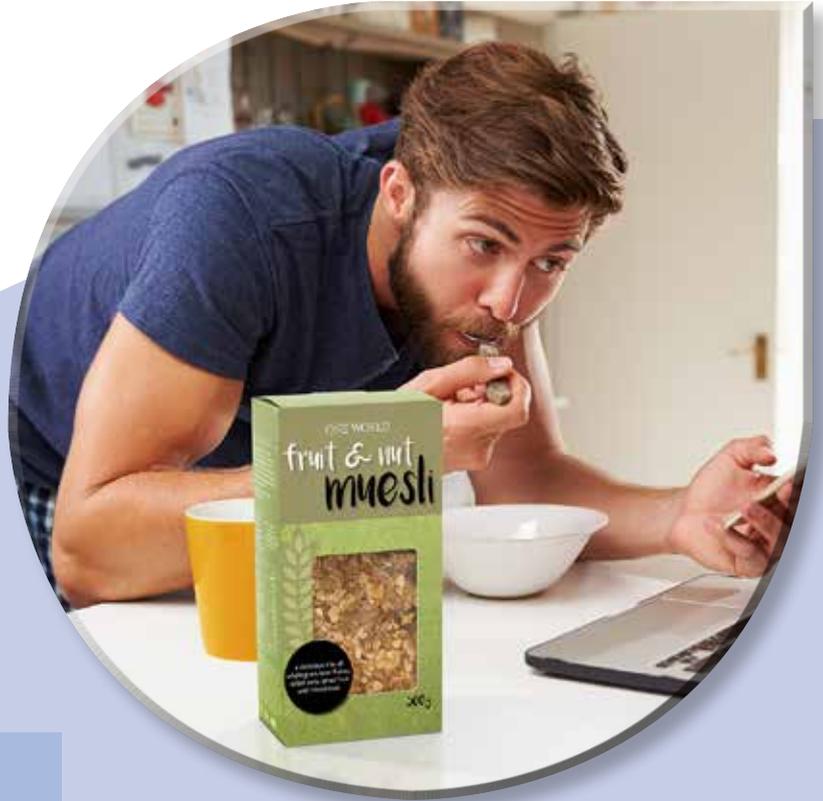


PROPAFILM™

We've got it all wrapped up



Proven
Mineral Oil Barrier
Packaging

use our imagination...



Providing Barrier to Mineral Oils

The Migration Issue

- Dried foods packed in paperboard boxes for an extended period can become contaminated with mineral oils. Studies have regularly shown mineral oil concentration levels can reach up to and above 0.6mg/kg.
- No safe limit has been set for these substances in foods.
- There are two main sources for mineral oil in paperboard boxes: offset printing inks, which are used to print food boxes (typically containing 25-50% mineral oil) and recycled paperboard (manufactured from post-consumer waste) which can contain various types of mineral oils and waxes.

Propafilm™ RCU and RCBU

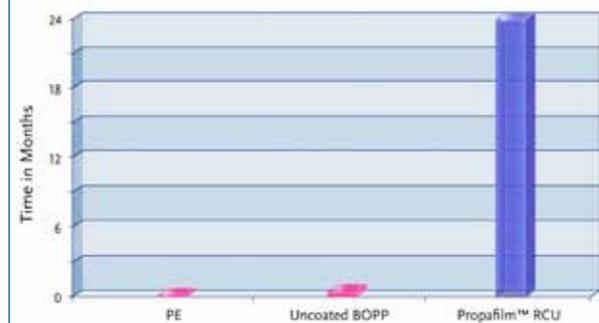
Benefits - At a glance

- Mineral oil barrier for your peace of mind.
- Confirmed to significantly reduce the migration of mineral oil residues from recycled cardboard packaging into foodstuffs when compared to conventional plastic substrates such as PE and coextruded OPP*.
- Proven to provide an equivalent mineral oil barrier up to 2 years at room temperature*.
- In addition, other attributes of acrylic coated films are:
 - Excellent barrier to water vapour
 - Superior optical properties
 - Low sealing threshold
 - Broad sealing range
- For more information, request our validation data and our technical paper.

The Solution: Propafilm™ RCU and RCBU

Our BOPP films have been shown to significantly reduce the migration of mineral oil residues from recycled cardboard packaging into foodstuffs.

Typical Mineral Oil Barriers



(Data based on 30 microns film or nearest equivalent)

Markets

- Biscuits and Bakery
- Cereals
- Confectionery
- Dried Foods
- Tea

*References:

- Mineral Oil Barrier Testing of Cellulose-Based and Polypropylene Films, G O'Connor, N Hudson and S Buckley, Packaging Technology and Science, DOI:10.1002/pts.2082, Copyright © (2014), John Wiley & Sons Ltd. Published online in Wiley Online Library (onlinelibrary.wiley.com).
- Additional validation data available.

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