




# NatureFlex™ Application Checklist

Application	Example	Film Type	Key Performance Benefits
Fresh Fruit & Vegetables		NVS	<ul style="list-style-type: none"> <li>Wide heat-seal range for high speed packing line performance</li> <li>Naturally free from static</li> <li>Enhanced gloss &amp; transparency</li> <li>Controlled moisture permeability provides natural anti-mist properties and reduces condensation</li> </ul>
Bagmaking		NP	<ul style="list-style-type: none"> <li>High moisture absorption to facilitate fast drying of water-based glues employed in bagmaking</li> <li>Designed for bagging pre-wrapped or non-moisture sensitive products</li> <li>Also suitable for sheet making</li> </ul>
Confectionery		NM NE30 NVR	<ul style="list-style-type: none"> <li>Formulated to provide the required moisture barrier for sugar and chocolate confectionery</li> <li>Controlled slip and naturally anti-static for problem free machinability</li> <li>Excellent deadfold for twistwrap usage</li> </ul>
Hygiene		NE30	<ul style="list-style-type: none"> <li>Formulated to provide the necessary barriers to moisture and external contamination</li> <li>Static-free, easy seal and deadfold properties for optimum machinability</li> <li>Proven biodegradability in waste-water environments</li> </ul>
Bakery		NVS NVR NE30	<ul style="list-style-type: none"> <li>Choice of moisture barrier to fit a range of requirements</li> <li>Enhanced gloss and transparency</li> <li>Suitable for window applications</li> <li>Wide heat-seal range</li> </ul>
Dried Foods		NVR	<ul style="list-style-type: none"> <li>Formulated to provide the moisture barrier necessary for dried foods</li> <li>Enhanced print and conversion receptivity</li> <li>Wide heat-seal range for high speed packing line performance</li> </ul>
Home & Personal Care		NE30	<ul style="list-style-type: none"> <li>Excellent chemical resistance</li> <li>Tear properties allow ease of opening</li> <li>Good barrier to moisture and external contamination</li> <li>Excellent aroma barrier</li> </ul>
Lamination		D-NE NVS NVR	<ul style="list-style-type: none"> <li>One-side coated NatureFlex specifically formulated for lamination applications</li> <li>The inherent thermal stability aids lamination process</li> <li>Enhanced moisture and gas barrier aids product protection</li> <li>Compatible with other bio-materials</li> </ul>

# NatureFlex™ Application Checklist - Emerging Markets

Application	Example	Film Type	Key Performance Benefits
Board Lamination		NM NVS D-NE	<ul style="list-style-type: none"> <li>Compatible with other bio-materials</li> <li>Enhances protective and optical properties of traditional materials</li> <li>Grease and oil resistance</li> </ul>
Lidding		Refer to Innovia Films	<ul style="list-style-type: none"> <li>Designed for uses requiring sealability to PLA, aPET, cPET, rPET &amp; starch trays</li> <li>Specially formulated for use in chill cabinet conditions</li> <li>Choice of moisture barrier to fit product requirements</li> </ul>
Reamwrap		NE-RW	<ul style="list-style-type: none"> <li>Good fit with environmental consciousness of paper production and recycled papers</li> <li>Provides product integrity and prevention of moisture ingress</li> <li>Maximum visual impact on the retailers' shelves</li> </ul>

## NatureFlex™ Film Grade Summary

Grade	Micron/ Gauge	Twistable	Heat Sealable	Barrier - Moisture	Barrier - Oxygen	Printable	Coated	Peelable	Anti-static	Anti-mist	Metallised	White version	Coloured version
NP	21, 23, 25, 28, 35, 42	■			■	■			■	■			*
NE30	19, 23, 30, 42	■	■	■	■	■	■	■	■			■	
D-NE	22	■	■	■	■	■	■	■	■				
NVS	23, 30, 45*	■	■		■	■	■	■	■	■		*	
NM	23, 30*, 45*	■	■	■	■	■	■	■	■		■		
NVR	23, 30, 45	■	■	■	■	■	■	■	■				
NE RW*	45		■	■	■	■	■	■	■				

\* Under Development

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