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## Toys Plastic Bags and Films Requirements of Different Countries

	<b>Australia/New Zealand/China</b> AS/NZS ISO 8124-1:2019/ GB6675.2:2014	<b>Canada</b> CCPSA. SOR/2011-17	<b>Europe/Japan</b> EN 71-1:2014+A1:2018/ ST2016 Part 1	<b>USA</b> ASTM F963-17
Plastic bags	Flexible plastic film or flexible plastic bags without backing in packaging and with minor dimension of >100 mm and used in toys shall either: have an average thickness $\geq$ 0.038mm never be individual thickness <0.032mm, or have perforations with well-defined holes of 1% minimum area on any maximum area of dimensions 30mm x30mm. For plastic balloons, measured in double layers.	Opening shall be < 356mm(14inches) or Average thickness must be $\geq$ 0.019 mm (0.75mil) and carry a caution label: "PLASTIC BAGS CAN BE DANGEROUS. TO AVOID DANGER OF SUFFOCATION, KEEP THIS BAG AWAY FROM BABIES AND CHILDREN." in both English and French.	Packaging bags made of flexible plastics of an area $\geq$ 100 mm x 100 mm, measured without cutting the bag open shall have an average sheet thickness of $\geq$ 0.038 mm.  Bags made of materials impermeable to air with an opening perimeter > 380 mm shall not have a drawstring or cord as a means of closing.  For plastic balloons, measured in double layers.	Bags or plastic film with a minor dimension of 3.94 in. (100 mm) or more shall be at least 0.00150 in. (0.03810 mm) in average thickness and any individual measure shall never be less than 0.00125 in. (0.03175 mm). Average thickness <0.00150 in.(0.03810 mm) shall be perforated with defined holes >1% of area removed over any 1.18 in. x 1.18 in. (30 mm x 30 mm).
Flexible plastic sheeting	(As mention of flexible plastic film above)	No Requirement	Flexible plastic sheet without any backing and > 100 mm x 100 mm shall have an average thickness $\geq$ 0.038 mm, or Be perforated with defined holes so that a minimum of 1 % of the area has been removed over any area of 30 mm x 30 mm.	(As mention of plastic film above)
Exemptions	Shrink film which is in the form of an overwrap, which would normally be destroyed when the packaging is opened.	No Requirement	<ul style="list-style-type: none"> <li>- Shrink-on film packaging, which is normally destroyed when the packaging is opened by the user</li> <li>- Plastic sheeting with backing or of an area <math>\leq</math> 100 mm x 100 mm;</li> <li>- Bags made of flexible plastics of an area <math>\leq</math> 100 mm x 100 mm, measured without cutting the bag open.</li> </ul>	<ul style="list-style-type: none"> <li>- Shrink film in the form of the over wrap that would normally be destroyed when the package is opened by a consumer.</li> <li>- Bags or plastic film with a minor dimension <math>\leq</math> 3.94 in. (100 mm). Bag dimensions shall be measured while in the form of a bag, not cut open into a single thickness sheet.</li> </ul>