

<b>Materials with gas and steam permeability</b>	<b>Permeability</b> sufficient for steam and gaseous sterilisation methods	<b>STEAM</b> at least a part of the packaging needs to be permeable to steam	<b>EO/FORM</b> at least a part of the packaging needs to be permeable to gas	<b>Hydrogen Peroxide (Plasma)</b> natural fibre based materials are incompatible	<b>Gamma/E-Beam or Beta radiation</b> impermeable material may be used	<b>Dry Heat</b> (max temp) impermeable material may be used
Medical grade paper	√	√	√	no	√	√ (160°C)
Flush spunbond non-woven materials of polyethylene	√	√ (max. T 127°C) not suitable for hospitals	√	√	√	no
Wet laid non-wovens (pulp and plastic fibres)	√	√	√	no	√	no
SMS (Spunbond Meltblown Spunbond) non-woven materials of polypropylene	√	√	√	√	no	no
<b>Films and composite films</b>		<b>STEAM</b> at least a part of the packaging needs to be permeable to steam	<b>EO/FORM</b> at least a part of the packaging needs to be permeable to gas	<b>Hydrogen Peroxide (Plasma)</b> natural fibre based materials are incompatible	<b>Gamma/E-Beam or Beta radiation</b> impermeable material may be used	<b>Dry Heat</b> (max temp) impermeable material may be used
<b>Laminated films, widely used for the manufacture of prefabricated sterile barrier systems (pouches, reels), impermeable</b>						
PET/PP films (PET/Polypropylene)		√	√	√	no	no
PET/PE films (PET/Polyethylene)		no	√	√	√	no
<b>Film components, blister materials, high barrier composites, impermeable</b>						
Aluminium laminates and composites, i.e. high barrier materials		√	√	see suppliers specification	√	√
APET film (Amorphous Polyethylene Terephthalate)		no	√	see suppliers specification	√	no
E/P (Ethylene-Propylene Copolymer)		see suppliers specification	√	see suppliers specification	see suppliers specification	see suppliers specification
HDPE film (High Density Polyethylene)		√ (121°C)	√	see suppliers specification	√	no
LDPE film (Low Density Polyethylene)		no	√	√	√	no
PA film (component) (Polyamide)		√	√	√	√	√
PE film (component) (Polyethylene)		no	√	√	√	no
PP film (component) (Polypropylene)		√	√	√	no	no
PET film (component) (Polyethylene Terephthalate)		√	√	√	√	√
PETG (PETG-Foam, PETG-PE) film (PET Glycol)		no	√	see suppliers specification	√	no
PS film (Polystyrene)		no	√	see suppliers specification	√	no
HIPS film (High Impact Polystyrene)		no	√	see suppliers specification	√	no
PC film (Polycarbonate)		√	√	see suppliers specification	√	√
PVC film (Poly Vinyl Chloride)		no	√	see suppliers specification	no	no
TPU film (Thermoplastic Polyurethane)		no	√	see suppliers specification	√	√