



PACKAGING FILM

TECHBARRIER®

SUPERNYL®

SANTONYL®

DIAMIRON® MF

DIAMIRON® M

TECHBARRIER
SUPERNYL
SANTONYL

TECHBARRIER®

SiOx Vacuum Coated High Gas Barrier Film

SiOx coated plastic film that is environment friendly and has high gas barrier property almost equal to aluminum foil. Its transparency opens new package designs together with superior printability.

- ① **O₂ Barrier <1cc, WVTR:<1g**
- ② **Possible to print, laminate, sealing**
- ③ **Transparent and possible use of Metal Detector, Microwave.**
- ④ **Franchise Barrier**
- ⑤ **Durable for Acid, Alkaline and Chemicals**

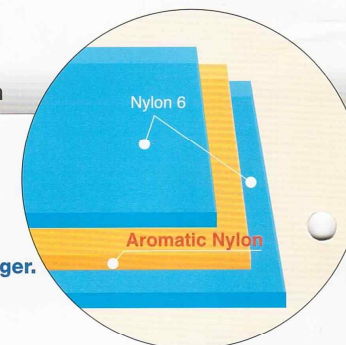


SUPERNYL®

Co-ex biaxially oriented gas barrier polyamide film

Development of base resin and co-ex biaxially orient technology make high gas barrier polyamide (nylon) film. It assures superior transparency, strength and printability.

- ① **High gas barrier makes the contents shelf life longer.**
- ② **Durable to Impact, Pierce, Flex strength**
- ③ **Chloride free**
- ④ **Equal printability to normal nylon film**
- ⑤ **Durability for high temperature enables retort or boil process.**
- ⑥ **High transparency with no yellowish color like PVDC coating film**

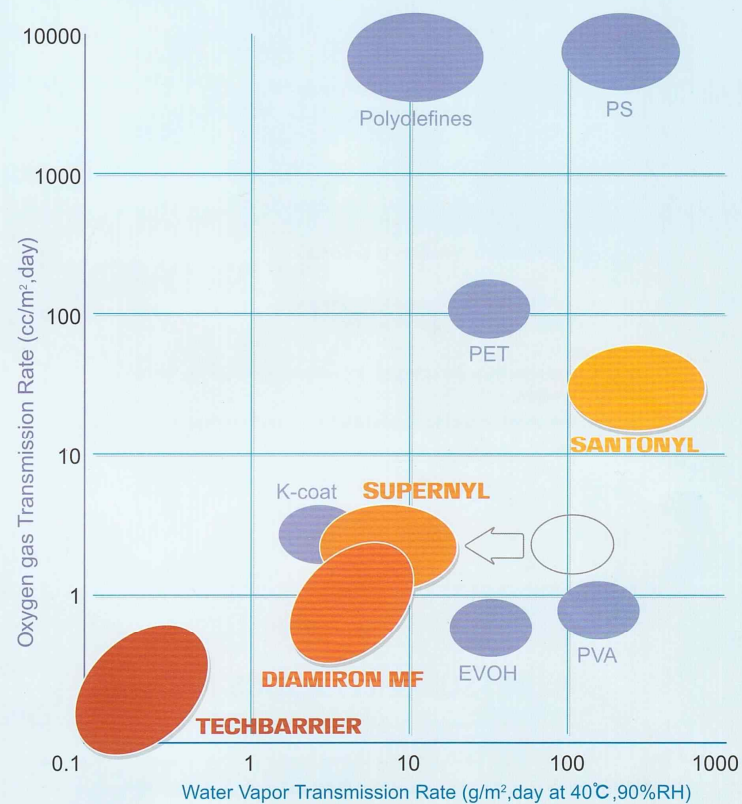


SANTONYL®

Sequentially biaxially oriented polyamide film

Polyamide (nylon) film that has high transparency and mechanical strength. It is durable for oil and chemicals without disturbing printing and lamination ability.

Map of barrier materials

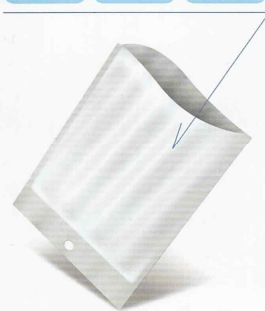


	Base film/Thickness	Grade	Oxygen Gas	Water Vapor
TECHBARRIER	PVA	S	0.1	0.1
	PET	TZ	1.0	1.0
		LQ	0.5	0.3
		HI3	0.3	0.3
	NY	NR•NY	0.5	0.7
SUPERNYL	15μ	SP-R•XT	8	100
DIAMIRON MF	300μ	G type	5	8
	100μ	A type	2	15

Use

3 side corner sealed pouch

TECHBARRIER SUPERNYL SANTONYL



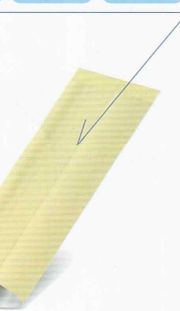
Gusset pouch

TECHBARRIER SUPERNYL SANTONYL



Stick

TECHBARRIER SUPERNYL SANTONYL



Standing pouch

TECHBARRIER SUPERNYL SANTONYL



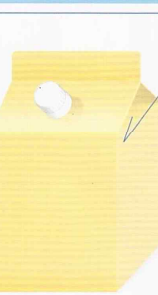
Laminate tube

TECHBARRIER



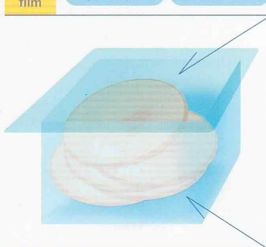
Paper pack

TECHBARRIER



Modified atmosphere package

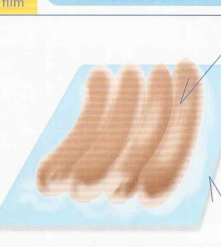
Top film: TECHBARRIER DIAMIRON MF



Bottom film: DIAMIRON MF

Vacuum package

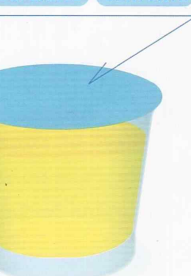
Bottom film: DIAMIRON MF



Top film: SUPERNYL TECHBARRIER

Cup lid

Top film: SUPERNYL SANTONYL



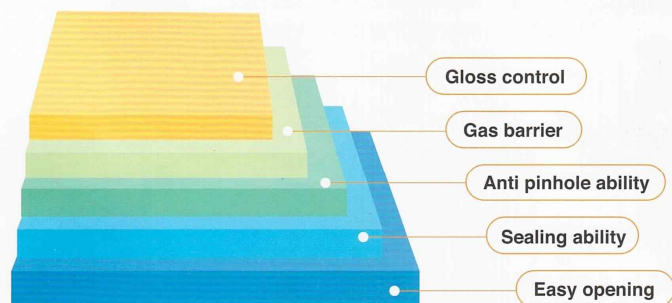
DIAMIRON® MF

Co-ex multi-layer cast film that
good features of various plastics.

- ① Added easy peel layer opens new lid design.
- ② Excellent thermo forming ability for bottoms
- ③ Create new functions using multi layers design
- ④ Durable for lamination process



The example of
The composition design



DIAMIRON® M

- ① Tube type co-ex multi layer cast film based on polyamide resin.
- ② Good gas barrier ability
- ③ Durable for both hot and cold temperature

