

Our Products (Packaging Films)

Base film

OP	Biaxially-oriented polypropylene (BOPP) film
ECONEIGE™	Milky-white BOPP film
Spash™	Keep-fresh BOPP film

Barrier film

V Barrier™	PVDC coated transparent high-barrier film
MAXBARRIER™	Transparent high-barrier film
TL	Transparent vapor deposition film
ML	Aluminum-metallized film
A-OP	Polyvinyl alcohol coated BOPP film

Sealant film

T.U.X™	Cast LLDPE film
CP	Cast polypropylene film
T.A.F.™	Cast co-extruded multilayer film
*CMPS™	Easy-peel film
PalFresh™	Hygiene & keep-clean PE film

*CMPS™ is a registered trademark of Dow-Mitsui Polychemicals Co., Ltd.



Japanese Quality



Our R&D and Production & Technology Center work hand in hand to improve the quality and reliability of our products, whose outstanding performance is backed up by years of experience and know-how. Our thorough knowledge of

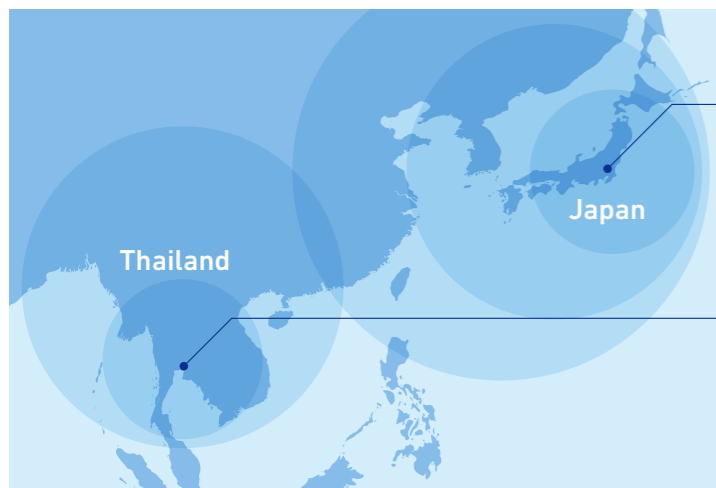
production equipment, coupled with the ability to think of superior technology, are all part of a production system designed to supply high quality products that our customers can depend on.

Regulations

 • Ministry of Health and Welfare, Notification No.370	 • MoPH295 (MoPH435)	 • FDA 21CFR §177.1520	 • EU No.10/2011 • Directive 2011/65/EU (RoHS) • (EC)No1907/2006 (REACH)	 • GB9685-2016 • GB4806.6-2016 • GB4806.7-2016
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*Please contact us for compliance with regulations.

Network



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High performance LLDPE film

T.U.X™

T.U.X™ is high-performance film with superior strength and sealing properties.

Cost-effective

- Improve product quality
- Enable to produce faster without loss
- Decrease the loss in transportation
- Save the environment and eco-friendly



T.U.X™ is a high performance LLDPE film, which is made of HAO LLDPE resin by cast method.
T.U.X™ is widely used as a sealant film, and the Japan's top-seller for decades.



Advantages

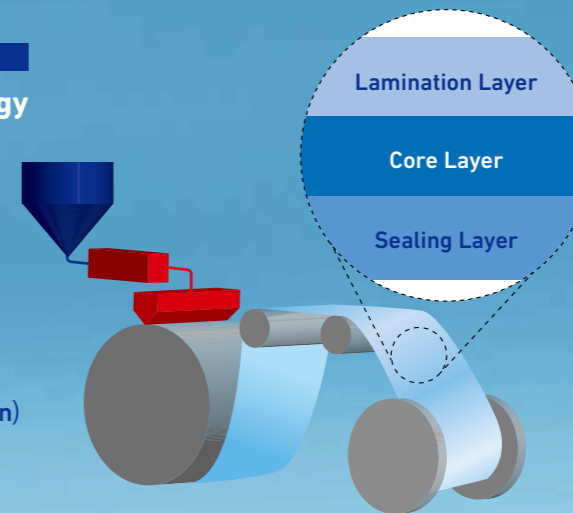
- Heat resistance
- High speed filling
- Hot tack strength
- Cold resistance
- Puncture strength
- Thrust strength
- Anti blocking property

Features

Process

T-die extrusion technology

- Stable thickness
- High transparency
- Low gel or fish eye
- Low odor
- Stable quality (Suppressed lot-to-lot variation)



Resin

- HAO LLDPE 100%
- Seal through contamination
 - Heat sealing strength
 - Hot tack strength
 - Puncture strength
 - Anti blocking property

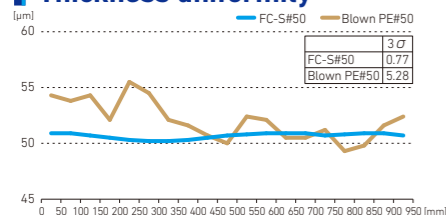
Line up and Technical data sheet

Grade	Features	Gauge μm	Boiling Temp. °C	Technical Data Sheet (Thickness 50μm)													
				Haze		COF tanθ	Wetting Tension mN/m	Tensile Strength MPa		Tensile Elongation %		Young Modulus MPa		Tear Strength N		Impact Strength J	Thrust Strength N
				1Ply	4Ply			MD	TD	MD	TD	MD	TD	MD	TD		
KRC	Retortable	40,50,60,70,80	121	10.2	35	0.44	40	35	25	670	817	413	551	1.9	15	0.5	5.2
HC	Heat resistance	25,30,40,50,60,70,80, (100,120)	105	6.1	24	0.15	37	44	33	820	980	300	400	1.4	10	0.4	3
FC-S	Standard type (metallocene grade)	25,30,40,50,60,65,70,80, (100,120)	95	7.0	27	0.12	38	47	44	970	1100	130	130	4.7	7.3	0.7	3.5
TC-S	Low temperature sealable (metallocene grade)	20,25,30,40,50,60,70,80, (100,120,130)	85	6.3	25	0.11	38	45	39	900	940	120	120	5.5	7.4	0.81	3.8
VCS	Ultra low temp. sealable (metallocene grade)	30,40,50,60	80	6.5	26	0.09	36	44	41	780	960	100	110	3.8	6.3	2.1	3.8

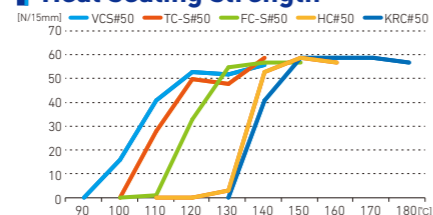
*The properties are measured values and are not guaranteed ones.

Properties

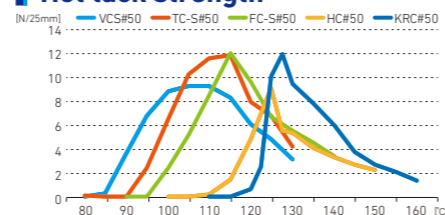
Thickness uniformity



Heat sealing strength



Hot tack strength



Applications

Sachet

- KRC
- FC-S
- TC-S
- VCS



Heavy Duty Bag

- FC-S
- TC-S
- KRC



Stand Up Pouch

- HC
- FC-S



Others

- HC
- FC-S
- TC-S

