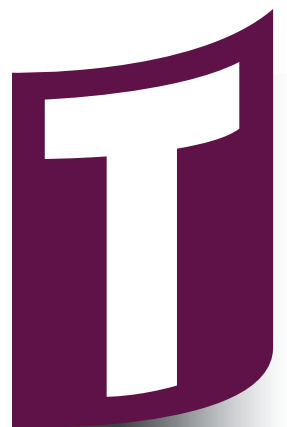




INNOGREEN

Eco-Friendly **T**arpaulin

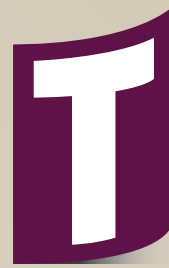


WONPOONG

Vol. 807962

INNOGREEN

Eco-Friendly **T**arpaulin



100%
Recyclable
Green Solutions

INNOGREEN T products can be mechanically recycled to the full extent possible. Pallet-grinded INNOGREEN fabrics can be reprocessed and used to form new plastic products.

INNOGREEN T products can meet the compliance requirements such as RoHS, REACH, NSF/ANSI Standard 372, NSF/ANSI Standard 61, CPSIA Compliance, FDA's Food Contact Substances regulations, California Proposition 65 Compliance Policy, and AS/NZS 4020: 2005 Standards.

Non-Toxic Tarpaulin

INNOGREEN T products are highly durable, elastic, lightweight, weather-resistant, and remarkably resistant to chemicals, oil, and water. Our high-strength INNOGREEN T products also have great adhesive strength, tensile strength and tear resistance.

Reliable High Performance Fabrics

Eco-Friendly Non-PVC Solutions

The manufacturing process for all of our INNOGREEN T products exclude hazardous chemicals, which we replace with environmentally-friendly materials, such as EVA, TPO, and TPU.



Recycling Process



Key Quality Characteristics

◆ Lightweight

As seen pictures below, in the same thickness INNOREEN T is 30% less heavy than regular PVC.



◆ Highly Durable

INNOREEN T solutions provide significant weatherability and remarkable chemical resistance.

Chemical Resistance Test

Chemical	INNOREEN 18oz	PVC 18oz
Acetic Acid 5%	B	D
Ethanol 99.5%	A	E
Ethyl Acetate 99.5%	B	F
Ethylene Glycol 99.5%	A	A
Gasoline	E	E
Glycerin 100%	A	B
Isopropyl Alcohol 99.5%	A	E
Kerosene	E	E
Methanol	A	E
Methyl Ethyl Ketone	A	F
Naphtha 100%	D	E
Nitric Acid 5%	A	B
Phosphoric Acid 50%	A	A
Sulfuric Acid 50%	B	B
Toluene	D	E

Weatherability Tests



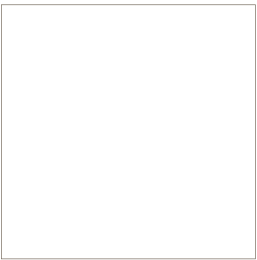
TPO



GRAIN COVER

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
360 (11)	0,52 (20)	3,70 (146)	2780/2160 (315/245)	200/195 (45/44)	25/25	186/180 (21/21)

Options



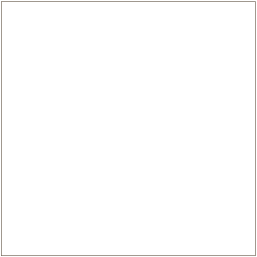
TPO



GRAIN COVER

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
350 (10)	0,53 (20)	3,70 (146)	3000/2985 (340/340)	225/225 (50/50)	30/30	109/119 (12/14)

Options



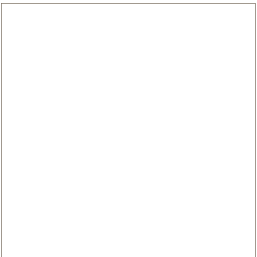
TPO



TENT TARP

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
300 (9)	0,37 (15)	3,70 (146)	1500/1400 (170/160)	145/130 (35/30)	24/24	158/110 (18/13)

Options



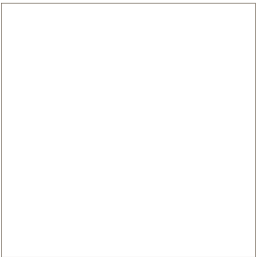
TPO



CARAVAN AWNING

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
300 (9)	0,37 (15)	3,70 (146)	1500/1400 (170/160)	145/130 (35/30)	24/24	158/110 (18/13)

Options



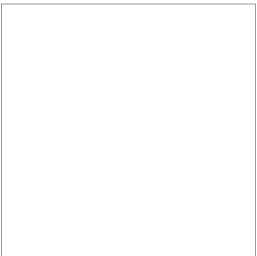
TPO



INFLATABLE

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
900 (26)	0,90 (35)	2,50 (98)	4142/3617 (473/413)	156/160 (35/36)	21/41	184/228 (21/26)

Options

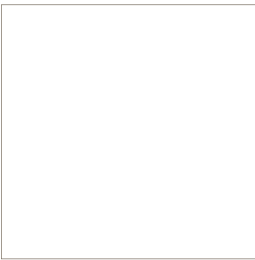




TRUCK COVER

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
360 (11)	0,52 (20)	3,70 (146)	2478/2504 (283/286)	156/129 (35/29)	22/22	130/88 (15/10)

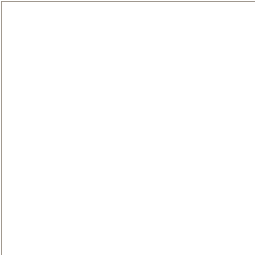
Options



TRUCK COVER

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
500 (15)	0,58 (23)	3,20 (126)	2670/2364 (305/270)	156/160 (35/36)	34/42	96/79 (11/9)

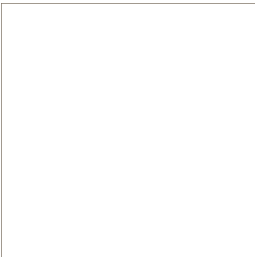
Options



TRUCK SIDER

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
650 (19)	0,68 (27)	3,20 (126)	4150/4028 (474/460)	3380/3780 (76/85)	24/35	70/60 (8/7)

Options



STRUCTURE

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
650 (19)	0,68 (27)	3,20 (126)	4150/4028 (474/460)	3380/3780 (76/85)	24/35	70/60 (8/7)

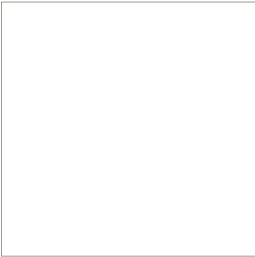
Options



STRUCTURE

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
420 (12)	0,75 (30)	4,20 (165)	2400/2750 (275/315)	500/530 (115/120)	25/24	110/110 (13/13)

Options



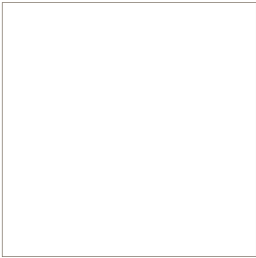


DOCK SEAL

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
1530 (45)	1,35 (53)	2,50 (98)	8100/6900 (925/790)	660/660 (150/150)	42/41	140/130 (16/15)

Options



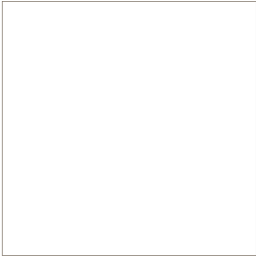


INFLATABLE

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
900 (26)	0,80 (32)	2,50 (98)	2900/2700 (330/308)	71/58 (16/13)	22/31	455/934 (52/45)

Options



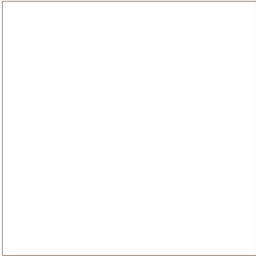


INFLATABLE

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
570 (17)	0,50 (20)	2,50 (98)	1392/1340 (159/153)	30/18 (7/4)	12/17	30/27 (7/6)

Options



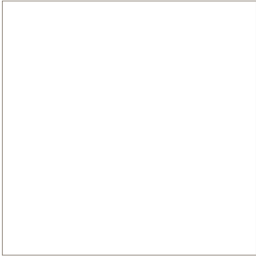


DRINKING WATER TANK

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
510 (15)	0,55 (22)	2,50 (98)	2706/2102 (309/240)	142/160 (32/36)	21/33	36/27 (8/6)

Options



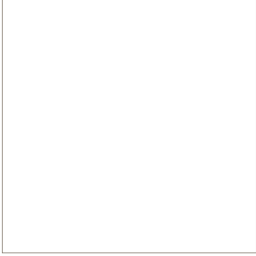


CONTAINER BAG

Total Weight	Thickness	Max. Width	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	m (inch)	N/5cm (lbf/inch)	N (lbf)	%	N/5cm (lbf/inch)
670 (20)	0,75 (30)	3,20 (126)	2370/2230 (271/255)	485/560 (109/126)	30/40	158/149 (18/17)

Options





Wonpoong focuses on green chemistry, and is dedicated to developing products that reduce or eliminate the generation of hazardous substances. We removed potentially hazardous chemicals from the manufacturing processes of INNOGREEN T products, and replace them with environmentally-friendly materials, such as EVA, TPO, and TPU.

INNOGREEN T is recognized for the excellent weather resistance, strong durability, and remarkable resistance to chemicals. It is suitable for a wide range of industrial, marine, roofing, and membrane related applications requiring environmentally-friendly or non-toxic materials.

Also, for the coating-processed products, we use high-density base fabric and apply more treatments than for laminating-processed products. Accordingly, the coating-processed INNOGREEN T is perfect for high-strength and high-intensity applications.

INNOGREEN

Eco-Friendly Tarpaulin



FEATURES

- Excellent Weather-Resistant
- Remarkable Resistance to Chemicals, Oil, and Water
- Highly Durable and Elastic
- 30% lighter than PVC material
- Eco-Friendly, Non-PVC Solutions
- Non-Toxic (6P Free / 3P Free) Solutions Available
- Continuous R&D for Customer-centric Development
- Complying with FDA's Food Contact Substances regulations
- Complying with AS/NZS 4020:2005 Standards

OPTIONS

- FR Treatment
- UV Treatment
- Lacquering Treatment
- Wide Width Option
- Anti-Wicking Treatment
- Anti-Mildew Treatment

WELDING OPTIONS

TPO Hot Air, Ultrasonic

EVA Hot Air, High Frequency, Ultrasonic

TPU Hot Air, High Frequency, Ultrasonic, Glueing

PE Hot Air, Ultrasonic

* The above mentioned data is a general technical product information only and is not a legal warranty. Properties specifications are developed based on the customer's requirements.



Since it was founded in 1973, Wonpoong has continually evolved and expanded its highly diversified portfolio of solutions. While improving our product spectrum, we have created measurable and meaningful value for our customers, employees and shareholders. Our core values are customer orientation, integrity, accountability, environmental protection, and innovation.

By listening and responding to market demands, Wonpoong has combined its long-standing industry knowledge and commitment to sustainability to develop some of the most innovative product solutions. Armed with a state-of-the-art R&D Center and the ISO:9001 and ISO:14001 certified manufacturing facilities, we have strived to remain at the forefront of the industry.

Wonpoong is comprised of 6 divisions: Digital Print Media (Any Sign Any Flex), Industrial Fabrics (SuperTarp), Tensile Structure Fabrics (Tentation), Marine Fabrics (AquaFloat), Geosynthetic Materials (Geoloy), and Environmentally Friendly Materials (Innogreen).

Digital Print Media

*any***Sign!**
*any***Flex!**

Industrial Fabrics

SuperTarp[®]

Tensile Structure Fabrics

tentation

Marine Fabrics

AQUAFLOAT

Geosynthetic Materials

Geoloy[®]

Eco-Friendly Materials

INNOGREEN[®]



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