



INNOGREEN[®]

INNOGREEN products can be 100% mechanically recycled to the fullest extent possible. Pellet-ground INNOGREEN fabrics are reprocessed and used in the production of a wide range of new plastic products.



Wonpoong maintains its high standards by continually developing its wide range of green and sustainable solutions. Our R&D chemists are concentrating on producing sustainable products that result in significant benefits for the environment and the future. Our approach is always to welcome challenge and change, and for decades, we have been developing and improving our 100% mechanically recyclable industrial fabrics. Seeking ecologically sound digital printing solutions, we have invented and patented printable sign media that are also 100% mechanically recyclable.. We obtained a Korean patent for this product in 2008, a US patent in 2011, a Chinese patent in 2012, European and Taiwanese patents in 2013, and a Japanese patent in 2020.





Features

- Excellent weather-resistance
- Remarkable resistance to chemicals, oil and water
- Highly durable and elastic
- 30% lighter than PVC
- Non-PVC solutions
- Continuous R&D for customer-centric development
- Complying with the FDA's food contact substances regulations
- Complying with AS/NZS 4020:2005 standards



Applications

- Grain covers
- Tensile structures
- Transparent products
- Inflatable products
- Truck covers and truck sides
- Tent tarpaulins
- Drinking water tanks
- Container bags





Our products meet all relevant compliance requirements such as RoHS, REACH, NSF/ANSI standard 372, NSF/ANSI standard 61, CPSIA compliance, FDA food contact substances regulations, California proposition 65 compliance policy, and the AS/NZS 4020:2005 standards.

ITEM	Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
	gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
IG380C	360 (11)	0.52 (20)	315/245 (2780/2160)	45/44 (200/195)	25/25	21/21 (186/180)
IG350C	350 (10)	0.53 (20)	340/340 (3000/2985)	50/50 (225/225)	30/30	12/14 (109/119)
IG300L	300 (9)	0.37 (15)	170/180 (1500/1400)	35/30 (145/130)	24/24	18/13 (158/110)
IG340L	340 (10)	0.38 (15)	151/130 (1311/1138)	40/39 (178/173)	24/25	17/14 (149/123)
IG900C	900 (26)	0.90 (35)	473/413 (4142/3617)	35/36 (156/160)	21/41	21/26 (184/228)
IG360C	360 (11)	0.52 (20)	283/286 (2478/2504)	35/29 (156/129)	22/22	15/10 (130/88)
IG500C	500 (15)	0.58 (23)	305/270 (2670/2364)	35/36 (156/160)	34/42	11/9 (96/79)
IG650C	650 (19)	0.68 (27)	474/460 (4150/4028)	76/85 (3380/3780)	24/35	10/10 (88/88)
IG650C	650 (19)	0.68 (27)	474/460 (4150/4028)	76/85 (3380/3780)	24/35	10/10 (88/88)
IG420	420 (12)	0.75 (30)	275/315 (2400/2750)	115/120 (500/530)	25/24	13/13 (110/110)
IG510C	510 (15)	0.58 (23)	309/240 (2706/2102)	32/36 (142/160)	21/33	8/6 (36/27)
IG670C	670 (20)	0.75 (30)	271/255 (2370/2230)	109/126 (485/560)	30/40	18/17 (158/149)

Our products have remarkable resistance to the weather and also to chemicals, oil, and water. Thus, the mechanical properties of INNOGREEN are outstanding in that it has great adhesive strength, tensile/tear strength and also durability.



IG380C

IG350C

IG300L

IG340L

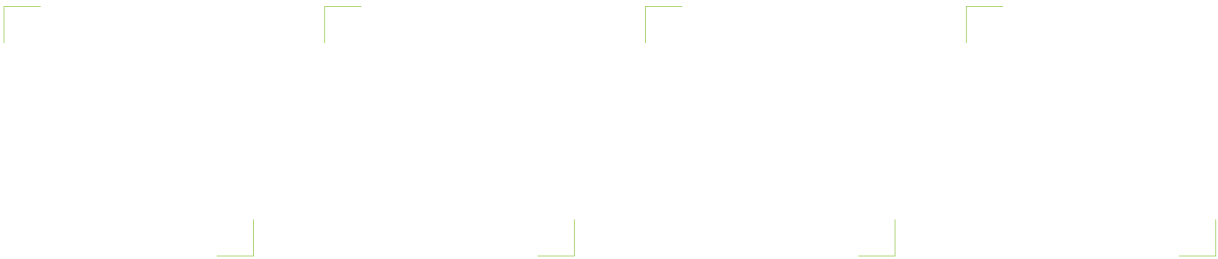


IG900C

IG360C

IG500C

IG650C



IG650C

IG420

IG510C

IG670C



Digital Print Media

anySign!
anyFlex!

Industrial Fabrics

SuperTarp®

Tensile Structure Fabrics

tentation

Marine Fabrics

AQUAFLOAT

Geosynthetic Materials

Geoloy®

Eco-Freindly Materials

re♥green

Roofing Solutions

SuperGuard™

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