



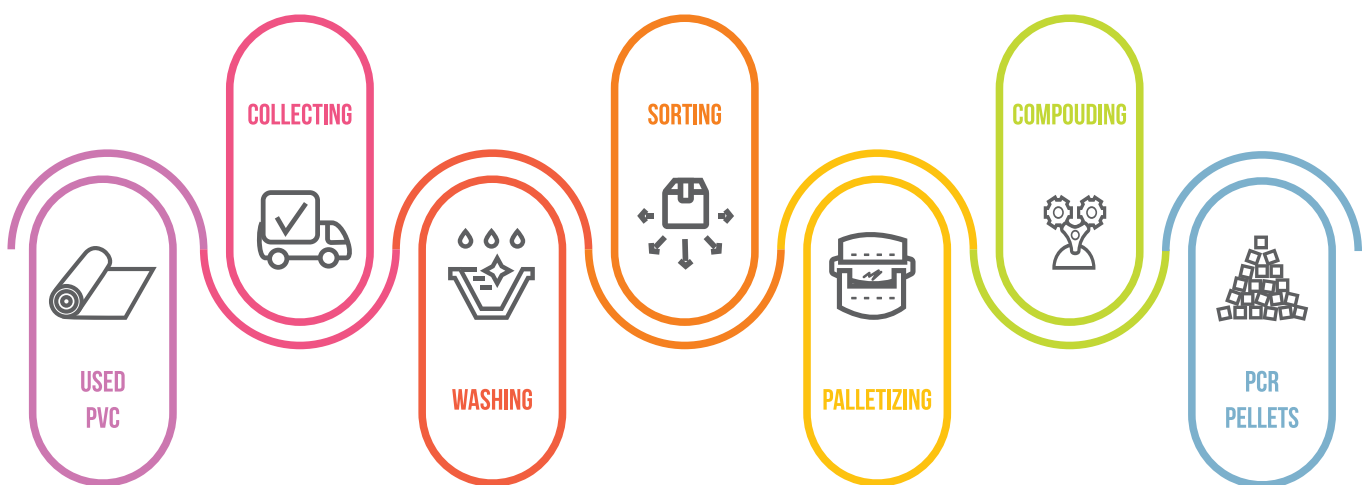
RECYCLED PVC

The recycled PVC compound has tailor-made additives and stabilizers make it ready for reuse as a high-quality secondary raw material. The mechanical properties of recycled PVC are identical to those of convention PVC in that it has strong durability and weatherability.

POSTCONSUMER RECYCLED PVC



Our project involving Postconsumer Recycled PVC focuses on the recovery of a PVC compound from the postconsumer PVC interior materials, followed by separation of legacy plasticizers to create recycled material suitable for manufacturing new PVC fabrics. The high-quality PVC compound recovered meets global requirements for a circular economy.



Benefits of our Recycled PVC

- Contribution to establishing a circular economy
- Reduction in the consumption of primary resources
- Elongation of the plastics life cycle with the safe destruction of plasticizers
- Recovery of the inherent value of plastic waste
- Increase in recycling rates of plastic waste
- Reduction of CO2 emissions
- RCS certification obtained by using our recycled PVC



The Recycled Claim Standard (RCS) is an international, voluntary standard that sets requirements for third parties. The RCS is intended for application to any product that contains at least 5% Recycled Material. The Standard requires each stage of production to be certified, starting at the recycling stage and ending with the final seller in the last business-to-business transaction. Material Collection and Material Concentration sites are subject to self-declaration, document collection, and on-site inspection visits.



The RCS is used as a chain of custody standard to track recycled raw materials throughout the supply chain. The RCS offers two grades with different labels and logos: the “RCS 100” (has a minimum recycled material content of 95%), or while the **“RCS blended” (has minimum recycled material content of 5%)**.



Benefits of RCS certifications

- Alignment of recycling definitions across multiple applications.
- Tracking and tracing Recycled input materials.
- Providing customers (both brands and consumers) with a tool to make informed decisions.
- Providing assurance that materials in the final product are actually recycled and have been processed sustainably



Wonpoong's recycled PVC contains up to 94% of postconsumer recycled material. Our goal is to increase the benefit of our products by creating solutions for customers while also protecting our planet. It is for this reason that we are continuously working to increase awareness of our sustainability initiatives including the benefits of using our recycled PVC.

RCS440L

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
440 (13)	0.37 (15)	160/140 (1400/1226)	50/50 (222/222)	21/20	12/11 (105/96)

RCS510L

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
510 (15)	0.46 (18)	165/145 (1450/1260)	40/32 (175/150)	17/19	16/17 (145/150)

RCS610C

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
610 (18)	0.51 (20)	310/300 (2715/2627)	80/80 (356/356)	18/20	14/11 (123/96)

RCS680L

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
680 (20)	0.57 (22)	220/200 (1927/1751)	23/21 (311/222)	23/21	18/17 (158/149)

RCS748C

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
748 (22)	0.62 (24)	400/350 (3503/3065)	130/110 (578/489)	20/24	13/11 (114/96)

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™

WONPOONG

Wonpoong Bldg. 343 Gonghangdaero, Gangseogu, Seoul, Korea

TEL : +82. 2. 3661. 8112

FAX : +82. 2. 3661. 8111

E-mail : info@wonpoong.co.kr

www.wonpoong.co.kr

