

ENGINEERED FOR EXTREME ENDURANCE.

SuperDura

Next-generation polymer technology designed to outperform under the toughest conditions — wherever durability, strength, and reliability matter most.

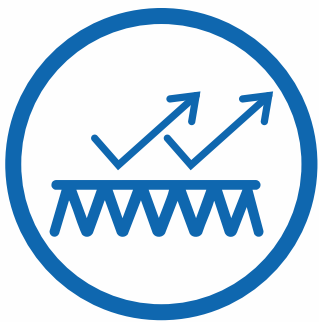
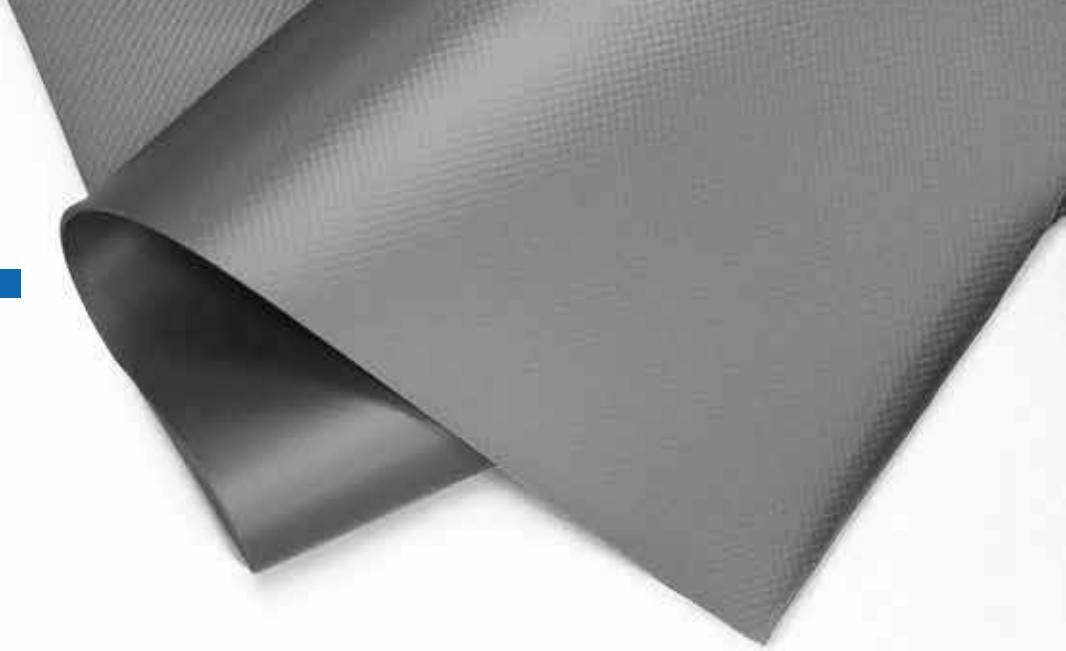
WONPOONG



BUILT TO ENDURE. DESIGNED TO EXCEL.

SuperDura™ is a high-performance fabric engineered with advanced functional polymers and precision coating technology, setting new standards for long-term reliability and abrasion resistance. Developed through Wonpoong's next-generation R&D, SuperDura offers unmatched stability, flexibility, and resilience — even under continuous stress and exposure to extreme environments.

FEATURES



EXCEPTIONAL ABRASION RESISTANCE

Exhibits outstanding durability under repeated abrasion, maintaining surface integrity and appearance even after prolonged use — achieving approximately **30%~50%** greater abrasion resistance than current-generation polymer compounds.



REMARKABLE WEATHERABILITY & UV RESISTANCE

Delivers long-lasting protection against sunlight, rain, and temperature fluctuations — ideal for both indoor and outdoor applications.



SUPERIOR HEAT RESISTANCE

Maintains structural stability under high-temperature conditions, preventing deformation and ensuring sustained performance.



EXCELLENT RESTITUTION & FLEXIBILITY

Combines high elasticity with dimensional stability, providing outstanding shock absorption, recovery, and form retention.

APPLICATIONS

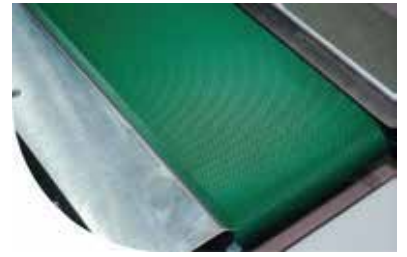
From heavy industry to leisure and architectural use, SuperDura™ adapts effortlessly to a wide spectrum of demanding environments.

1. Industrial Flooring
2. Conveyor Belts
3. Sports Mats & Trampolines
4. Tents & Inflatable Boats
5. Tensile Fabric Structures & Stadium Roofing
6. Wide Range of Industrial & Protective Covers

RELIABLE. RESILIENT. REMARKABLE.

Extensively tested under international abrasion and weathering standards, SuperDura™ outperforms conventional coated fabrics — proving its excellence through real-world endurance and long-term reliability.

Drawing on Wonpoong's 50 years of innovation in laminated and coated PVC technology, SuperDura™ exemplifies uncompromising durability.



A-2 SD30

30%
Improved

Weight	Tensile Strength	Tear Strength	Elongation	Adhesion	Abrasion
gsm (oz)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)	Loss weight(mg) after 500 cycles H-18 wheel, 1kg load
610 (18)	325 / 280 (2845 / 2460)	100 / 85 (445 / 378)	19 / 23	12 / 10 (105 / 87)	40

A-1 SD50

50%
Improved

Weight	Tensile Strength	Tear Strength	Elongation	Adhesion	Abrasion
gsm (oz)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)	Loss weight(mg) after 500 cycles H-18 wheel, 1kg load
750 (22)	385 / 365 (3370 / 3195)	110 / 110 (489 / 489)	22 / 30	13 / 11 (114 / 96)	26

P-1 SD50

50%
Improved

Weight	Tensile Strength	Tear Strength	Elongation	Adhesion	Abrasion
gsm (oz)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)	Loss weight(mg) after 500 cycles H-18 wheel, 1kg load
1088 (32)	510 / 410 (4465 / 3590)	230 / 240 (1023 / 1067)	26 / 33	12 / 11 (105 / 96)	25

T-1 SD50

50%
Improved

Weight	Tensile Strength	Tear Strength	Elongation	Adhesion	Abrasion
gsm (oz)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)	Loss weight(mg) after 500 cycles H-18 wheel, 1kg load
1700 (50)	1030 / 925 (9018 / 8095)	275 / 320 (1223 / 1423)	24 / 34	14/ 12 (122 / 105)	24.8

NEXT-GENERATION POLYMER REINFORCEMENT

Through advanced polymer blending and surface engineering, SuperDura™ achieves a unique balance of rigidity and resilience. Its molecularly reinforced matrix provides superior mechanical strength while maintaining flexible handling — enabling versatile fabrication and long-term endurance. The proprietary coating system ensures consistent performance in heat, humidity, and impact-intensive conditions, making it the preferred solution for industrial and recreational use alike.

Digital Print Media

*any***Sign!**[™]
*any***Flex!**

Industrial Fabrics

SuperTarp[®]

Tensile Structure Fabrics

*tent***ation**

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