



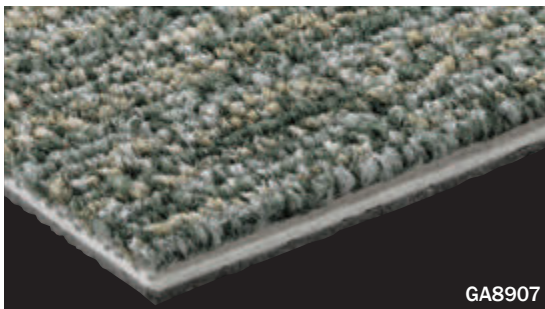
GA-8900

category: carpet tile

By mixing solution dyed yarn, its design and maintenance performance are more improved. With its excellent smoothness for wheelchairs and casters, GA-8900 is the most appropriate for the projects in healthcare and education segments.

Composition	surface		BCF Nylon 100%		dyeing method of yarn		Solution Dyed	
	base fabric		Nonwoven Polyester		backing		PVC and Glass Fiber	
Specification	size		500mm x 500mm		overall thickness		6mm	
	pile height		3mm (loop pile)					
	gauge		1/10	stitch		16.0	yarn weight (oz/sq.yd) 20.6	
Packing	16pcs/box = 4m ² /box							
Net Weight	18.7kg/box							
Performance	Critical Radiant Flux		(ASTM E648) Class 1 Average CRF 0.45/cm ² or higher					
	Smoke Density		(ASTM E662) Less than 450					
	Flame-retardant		Fire Defense Law in Japan Authorized No.E2140057					
	Antistatic		Less than 1.0kv (JIS L 1021-16,at 23degrees certigrade,25%RH)					
	Stain-resistant		Stain Release					
	Formaldehyde Radiation		F☆☆☆☆ Interior-fabrics Performance Evaluation Conference Certified No.J14-30990					
Way of Installation	<div><div><div>↑</div><div>↑</div><div>↑</div><div>↑</div></div>Monolithic</div> or <div><div><div>↑</div><div>→</div><div>→</div><div>↑</div></div>Quarter Turn</div>							
Recommended Adhesive from TOLI	TOLI ECO GA Cement		(required quantity)		for steel or plastic sub-floor		40 to 60 gram/m ²	
					for mortar and wood sub-floor		60 to 100 gram/m ²	
Notes on Installation	♦Apply the adhesive on the whole surface of the sub-floor thinly and evenly.After drying,when the adhesive becomes translucent,install the tiles.Be careful not to put the tiles too tightly. ♦In Monolithic installation, when the color difference between the tiles stands out or the joints are visible, please switch the tiles partly.							
Others	Please note that the product has the indigenous odor from its materials.							

MADE IN JAPAN



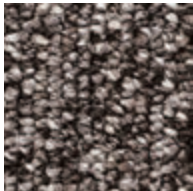
GA8907



GA8901



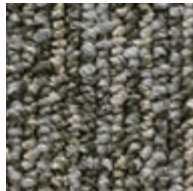
GA8906



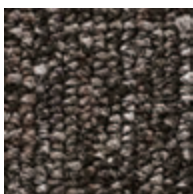
GA8902



GA8904



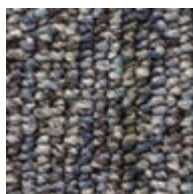
GA8907



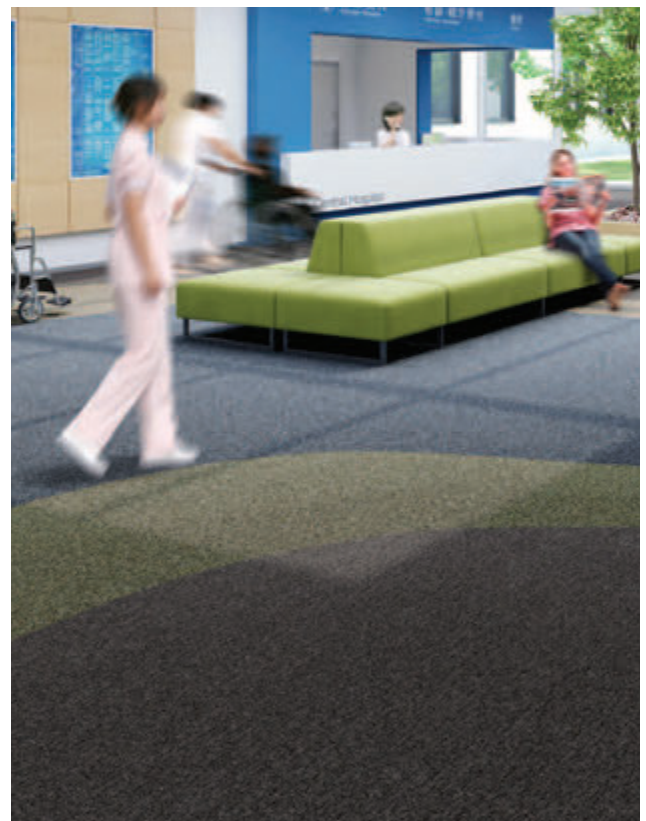
GA8903



GA8905



GA8908

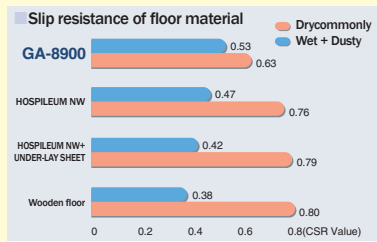


▲ GA8901/GA8903/GA8907/GA8908

Recommended to be used in hospitals, welfare facilities, school libraries etc.
Add more functions to the carpets without compromising their flexibility.

Slip Resistance

Slip accidents take place mostly on the dry floor or the floor with water or sands on its surface, which will become much more slippery. Carpet products are featured with high slip resistance in any condition so that it can ensure safety of users.

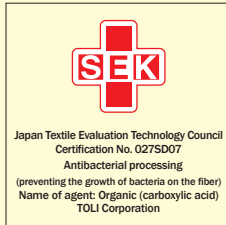


Testing Method

Measure the sliding resistance (CSR value of synthetic rubber substrate) as per JISA 1454 testing method, both in a dry condition and in a wet + dusty condition. The higher CSR value is, the less slippery the floor is. Furthermore, when there's a big difference between CSR value in a dry condition and that in a Wet and Dusty condition, the product tends to be slippery. (Even on the same floor covering, the slip resistance will vary by the shapes of soles.)

Meets the SEK Special-purpose Standard

CA-8900 meets the SEK "special-purpose" Standard designed for hospital use established by Japan Textile Evaluation Technology Council. Its antibacterial performance to MRSA, which could be infected in hospitals, is certified as well. The antibacterial agents in CA-8900 also conform to the strict safety standards of SEK, which definitely ensures the safety to human bodies.



Test results for antibacterial performance

Kind of Bacteria	Fungicidal activity value	
	Original	After 5 times of cleaning
Necessary bacteria	Staphylococcus Aureus	More than 0.3
	Pneumobacillus	More than 0.4
	MRSA	0.5

Conducted by Japan Dyer's Inspection Foundation

Safety Testing

Fungicidal activity value		Measured Value	SEK standard
Antibacterial Agent	Acute oral toxicity (LD50)	More than 2000mg/Kg (mouse)	More than 1,000mg/kg
	Mutagenicity	Negative	Negative
	Skin irritancy	P.I.I.= 0.5	P.I.I. value <2.00 (weak stimulation)
	Skin sensitization	Sensitization Rate 0% (guinea pig)	Negative
	Cell toxicity	IC ₅₀ value=2.4mg/ml	Determined by IC ₅₀ value & Skin irritancy

Conducted by Japan Food Research Laboratories and others

Good chemical resistance

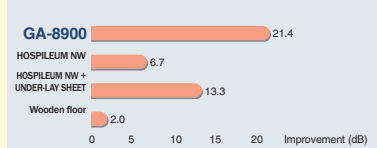
Requirement for a consistent resistance to chemicals is rather high in medical facilities and care home for the elderly where chemicals will be applied in daily lives. Made of dope dyed nylon, GA-8900 has a strong resistance to discoloration caused by dropping of chemicals like sodium hypochlorite.



Sound Insulation

Carpet has a good sound insulation effect which can reduce sound of footsteps or falling objects in the room. It's an ideal floor material for hospitals and educational facilities where silence is a priority.

Sound Insulation of floor material

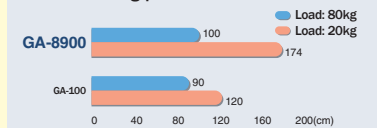


Improvement (dB) means the degree of reduction by floor material to the sound. A higher value means a lower sound.

Excellent Smoothness for Wheels and Casters

It is very important for wheels and casters to move smoothly on floor in facilities where wheelchair, wheel stretcher and dining car are commonly used. Compared to other carpet tiles, wheels and casters can move more smoothly on GA-8900.

Caster rolling performance



Testing Method

Measure the travel of a cart with casters on the floor covering of a level surface when being loaded and coasting from a slope (of about 10 degree) to the floor. The distance to be measured is from edge of the floor covering on the level surface to the center of rear caster of the cart when it stops.

