



# GEM

Commercial Upholstery Fabric



Couch covered in GEM EMERALD

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## SPECIFICATIONS

<b>Composition</b>	85% High Density Polyurethane, 15% Polyester Gauge: 1.0mm Roll length: 30m Roll width: 137cm.
<b>Abrasion resistance</b>	Test method AS 2001.2.25 (12kPa) Martindale method. No significant wear after 100,000+ rubs.
<b>Meets F.R. standards for use in commercial areas</b>	F.R. properties: Tested to Australian Standards (AS 1530.3) Spread of flame: 0 Smoke developed: 5 AS/NZS 3837 <i>Fire test certificates available upon request.</i>
<b>Anti-microbial &amp; anti-bacterial</b>	Sanitised to inhibit growth of bacteria, mould & mildew.
<b>Colour fastness to light</b>	GEM is UV stabilized and suitable for indoor use. Light fastness rating 6-7 ISO 105-B02-1994 (Grey scale 1-5).
<b>Colour fastness to bleach</b>	Tested to Australian Standards (AS 2001.4.11) No change of colour rating 4-5.
<b>ROHS standards</b>	GEM is ROHS certified, restricting the use of hazardous substances. No formaldehyde, plasticizers, lead, mercury & chromium is used in the manufacturing process.
<b>Usage</b>	Suitable for heavy commercial & healthcare upholstery.

## GREENGUARD®

GREENGUARD technology is a ground-breaking feature that offers the highest level of stain resistance. The stain resistant barrier enables the fabric to be cleaned with bleach and low solvent based solutions. No damage will occur to the appearance of the P.U surface even after repeated cleaning, making it the only choice for healthcare and commercial environments.

## ENVIRONMENTAL MANAGEMENT SYSTEM

Austex GEM is produced under ISO:14001 Quality Standards to identify and achieve environmental goals. Austex continues to decrease the consumption of energy and water used in the manufacturing process.

## CARE & MAINTENANCE

Most stains can be cleaned using warm soapy water, followed by clean water rinsing. Moderate scrubbing with a medium bristle brush will help loosen soiling from the embossed surface. Failure to follow cleaning instructions may permanently stain and reduce the life of the vinyl. For further cleaning information, please contact Austex Fabrics for a product cleaning guide.



All Austex products are designed and manufactured in accordance with the quality assurance system ISO 9001.



FIRE RETARDANT



MOULD & MILDEW RESISTANT



UV STABILISED



BLEACH CLEANABLE



STAIN RESISTANT



ENVIRONMENTALLY FRIENDLY



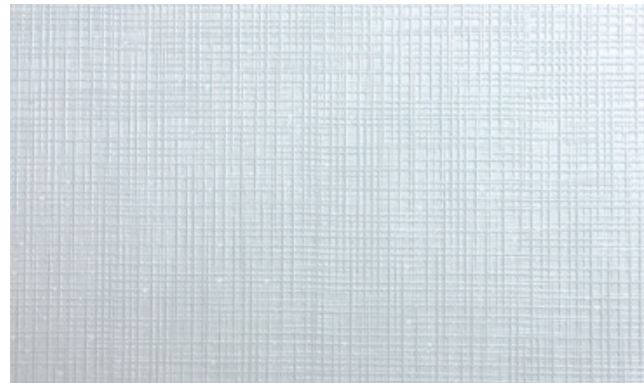
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PEARL



CRYSTAL



CITRINE



FIRE OPAL



OYSTER



SMOKEY QUARTZ



EMERALD



RED RUBY



HERMATITE



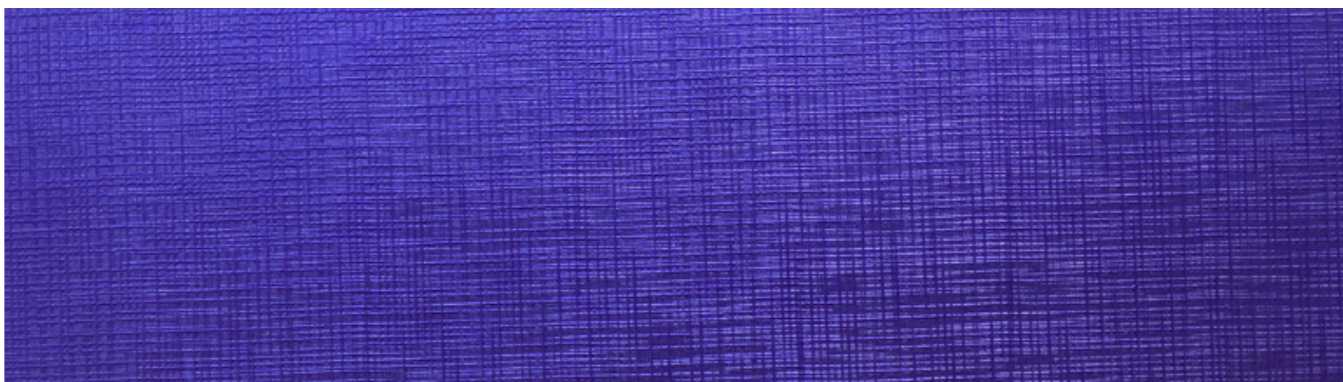
ONYX



AMETHYST



PINK DIAMOND



PURPLE TOPAZ

# GEM

## Commercial Upholstery Fabric

### ECO SMART (PVC FREE)

GEM is the result of continued development and technology, eliminating the use of harmful plasticizers, heavy metals, formaldehyde and dioxin. GEM builds on advanced polyurethane technology delivering high performance whilst reducing the environmental footprint.

### COMFORT & PERFORMANCE

GEM is the result of continued development of polyurethane technology. GEM's unique construction is like no other synthetic product on the market. In order to reduce cost, inferior P.U products are manufactured using a thin P.U surface combined with a P.V.C base. However, GEM has a solid 100% high density polyurethane surface that outperforms all other synthetics. Unlike other traditional P.U's that do not stretch, GEM has been developed with a unique four-way stretch. This enables GEM to be upholstered to any furniture piece or design shape.

### GREENGUARD – SUPERIOR STAIN & ABRASION RESISTANCE

A protective barrier that provides resistance to chemicals and stains. Greenguard enables the P.U surface to be cleaned with bleach or alcohol based solutions without damaging the surface. Greenguard also protects the surface from abrasion and scuffing making it the ideal choice for commercial and healthcare environments.

### DESIGNED TO MAKE AN IMPRESSION

At Austex our commitment to quality is not limited to the performance of our products but extends to the corners of the environment. GEM is a greener alternative to Vinyl (PVC) and leather both in production and aftercare. The unique manufacturing process is like no other synthetic on the market. The ultimate textile choice with outstanding performance in high traffic areas.

	GEM	Leather	Vinyl (P.V.C)
Azo Free	✓	✗	✗
Low VOC	✓	✗	✗
Plasticizer Free	✓	N/A	✗
Heavy Metal Free	✓	✗	✗
Bio-degradable	✓	✓	✗
Formaldehyde Free	✓	✗	✗
Animal Friendly	✓	✗	✓

\*This graph is to be used as a guide only.

