

ROYALITEHG

Royalite® HG—FAQ's

product.

everyday use?

great, too!

What is the optimal forming temperature for Royalite[®]HG?

The optimal forming temperature is between 330° and 355°, which means more efficient heating times for faster forming.

Will Royalite[®]HG weaken or become brittle during forming?

No, Royalite[®]HG is more ductile and, while easy to form, it retains its toughness throughout the forming process.

What about the finishing processes – is it easy to polish the edges?

Yes, you will be pleased with how easily and smoothly you can polish off the edges of your Royalite®HG piece using the Cecile Wheel.

How clearly will the details in my designs stand out?

Royalite[®]HG material tough but pliable. Your unique designs will be executed with the highest quality look and feel.

How easily will Royalite®HG bond with adhesives?

The formulation is not only easy to form, it is also easy to machine, fasten mechanically or bond using adhesives.

Advantages of Royalite® HG –

Physical Properties

- PVC/Acrylic chemistry
- High Impact
- Excellent chemical resistant
- Abrasion resistant
- Durable

Quality

- Extensive color pallet
- Vibrant colors

- Dual layer mono sheet
 - -No delamination as in two sheet progress -Complete bonded edges
 - -No bleed through in forming process
 - —No layer bleeding when laser cut
- Printed Patterns
 - -Small sheet quantity
 - -Better color clarity before forming
 - -Better color clarity after forming
 - —UV resistant

Excellent abrasion resistant
Printable white on black

Processing

Is it possible to create a holster where the inside is a

Yes, it is. Spartech has co-extrusion capability to

it is a single layer sheet, so there won't be any

sheaths to lose their shape and/or color?

produce a multi-layer, 2-color material. That means

delamination as can happen with two-sheet materials.

Will chemicals and cleaners cause my holsters and

Royalite[®] HG's PVC/Acrylic formulation provides

Durability is important to my customers. Will

the products I make with Royalite®HG handle

Is Royalite[®]HG manufactured in the US?

Yes! Spartech is a US based company and

manufactures Royalite® products in US plants

Not only will your products withstand wear and tear

of everyday use, the high-impact strength and surface

textures of Royalite®HG means they will keep looking

a material with good chemical resistance that can withstand frequent gun cleanings for a longer lasting

different color than the outside?

- More ductile
- Quicker process time
- Better formed in detail
- Polishes better
- Sands easier



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