

PLEXIGLAS® RESIST

The long lasting glazing alternative.....



Distributed in Australia by:

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EVONIK
INDUSTRIES

PLEXIGLAS RESIST®

Can we have break resistance & clarity?



... successful synthesis

Instead of
weather-resistant
or **gfYb[h**

PLEXIGLAS RESIST®
weather-resistant
..... **and gfYb[h**



PLEXIGLAS RESIST®

Not just another acrylic....

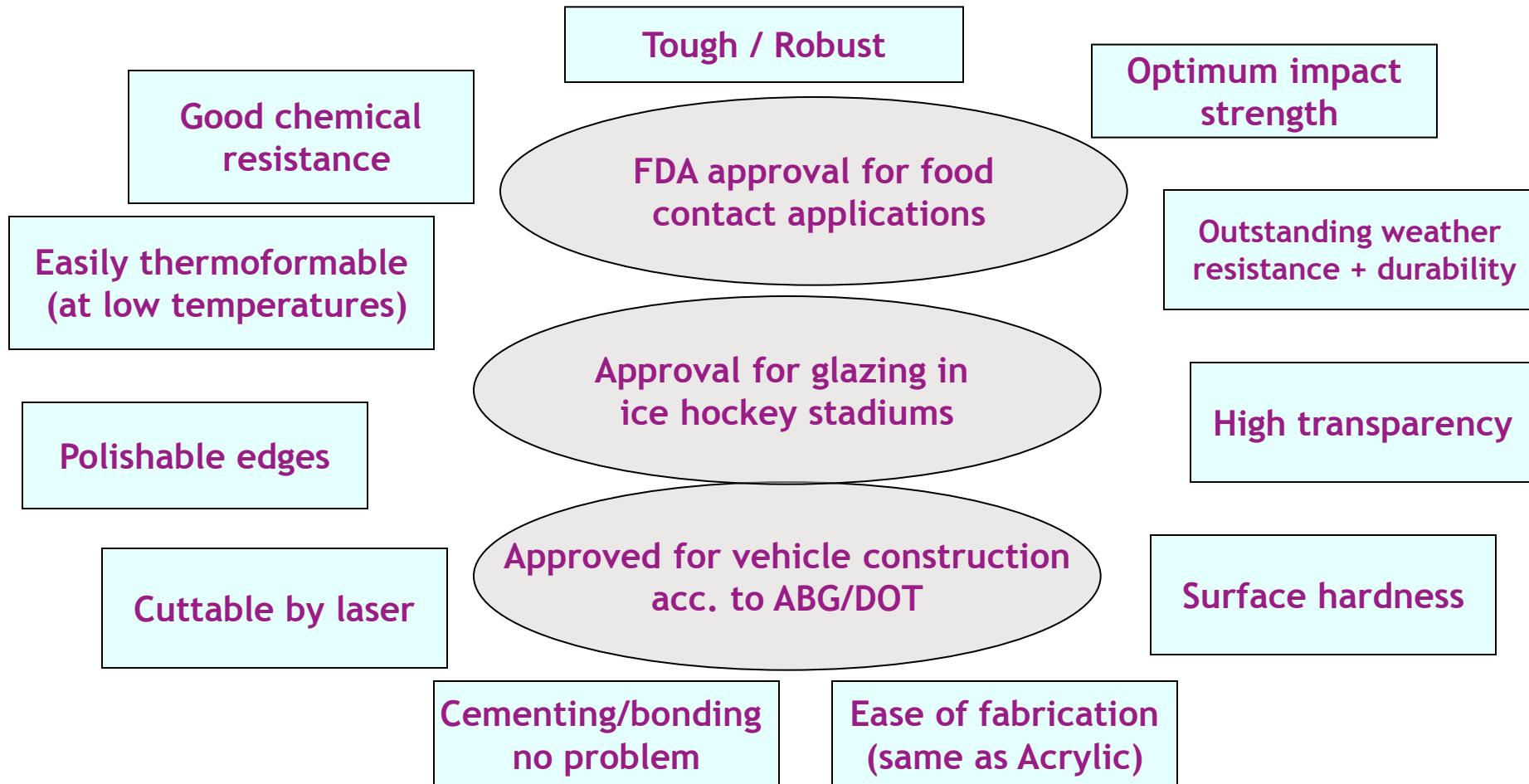


All PLEXIGLAS® guarantees apply to the PLEXIGLAS RESIST® range:

1. 30 Year UV degradation for clear products.
 2. 10 Year UV degradation for coloured products.
- PLEXIGLAS RESIST® is manufactured using a high molecular weight moulding compound. This requires a slower production speed, virtually eliminating any internal stresses and very little reversion (shrinkage).
 - For 3 dimensional vacuum formed images, PLEXIGLAS RESIST® will maintain a good even thickness over the formed image, maintaining low internal stresses.
 - As PLEXIGLAS RESIST® is a higher weight extruded sheet, it cuts cleaner and machines very similar to that of cell cast acrylic sheet PLEXIGLAS® GS.
 - Also being of a higher molecular weight, PLEXIGLAS RESIST® has a harder surface, which enables it to be less prone to scratching and have a higher chemical resistance to that of other acrylics.
 - PLEXIGLAS RESIST® is also available in a cast manufacturing process PLEXIGLAS RESIST® HP.
 - PLEXIGLAS RESIST® is masked with our (SH) PE masking, which is a high electrostatic thermo-formable masking.

PLEXIGLAS RESIST®

... and our product benefits



PLEXIGLAS RESIST® Approval: glazing in ice hockey stadiums



- : or PLEXIGLAS RESIST® 65
- thickness 6 mm

(Prüfzeugnis 46/901
869/Sm/C, FMFA,
Universität Stuttgart)



PLEXIGLAS® 30 Year Guarantee
PLEXIGLAS® will not yellow!



We guarantee that solid sheets, multi-skin sheets, corrugated sheets, blocks, tubes and rods:

Marketed under the PLEXIGLAS® trademark will show no yellowing and will retain their maximum light transmission for **30 years**.



PLEXIGLAS® Colour Guarantee

Colours that last...

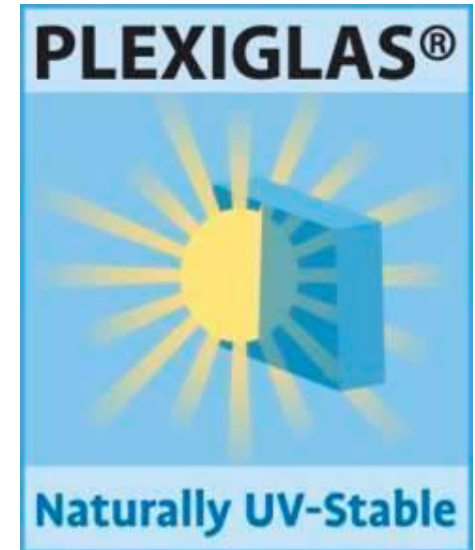


We guarantee the color stability of

solid sheets, multi-skin sheets,
corrugated sheets, blocks, tubes
and rods

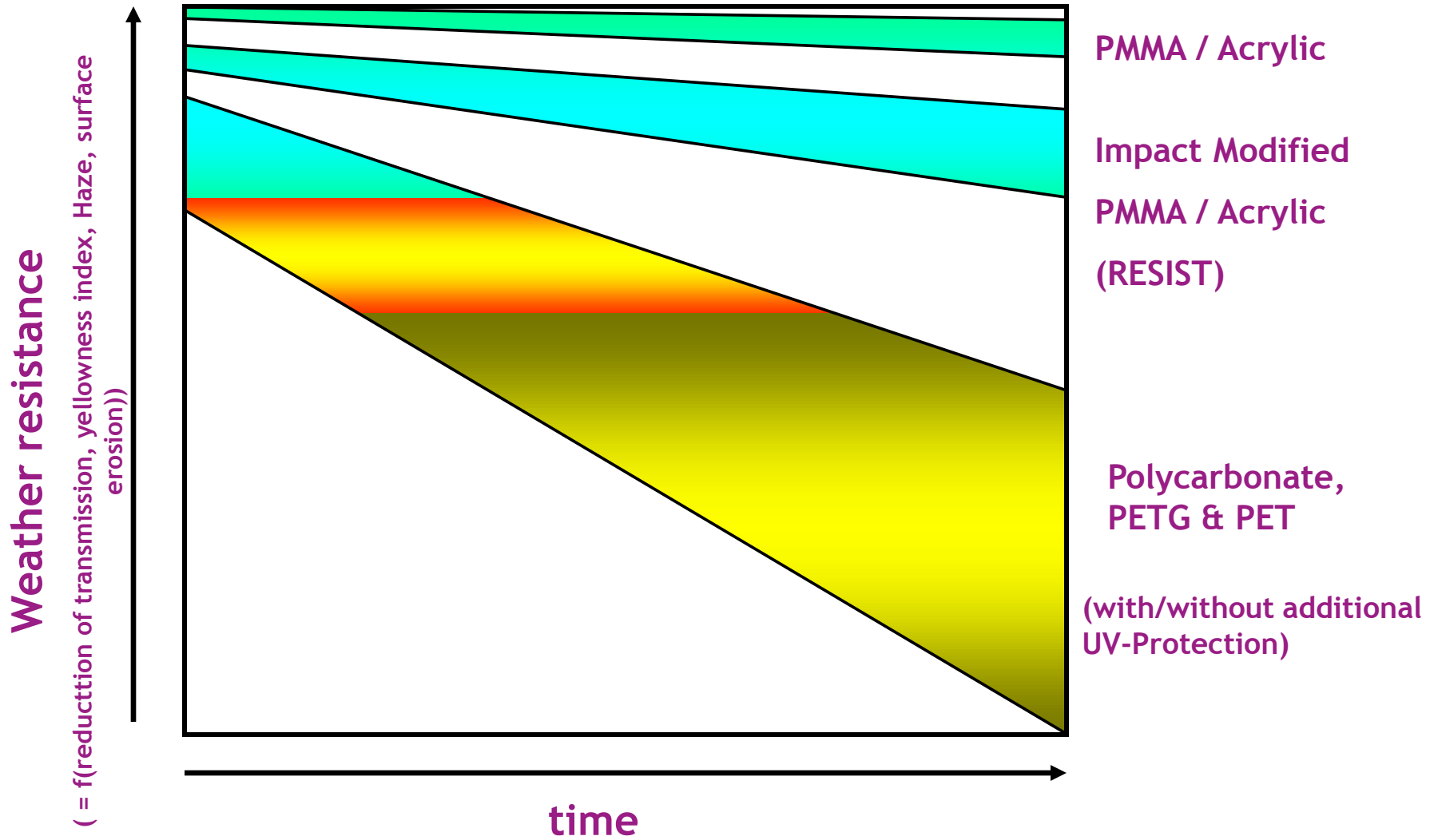
Marketed under the PLEXIGLAS®
trademark for

10 years



PLEXIGLAS RESIST®

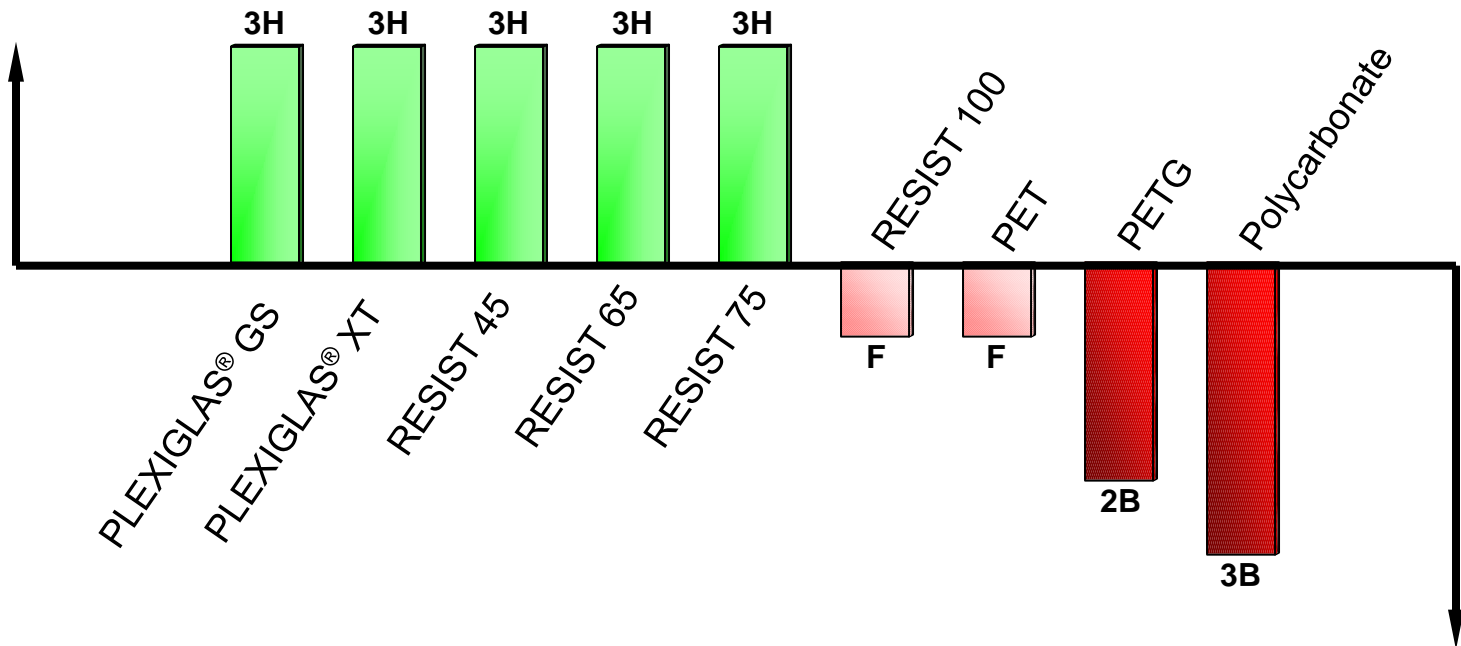
Superior Weather Resistance



PLEXIGLAS RESIST® Pencil Hardness

ISO 15184

high scratch resistance



low scratch resistance

PLEXIGLAS RESIST®

Numerous Applications...



SIGNS



PLEXIGLAS® RESIST Sign Grade Acrylic Sheet



Fields of Application

- Exterior signage
- Formed 3D signs
- Channel letters
- Push through letters
- Large sign faces



PLEXIGLAS® RESIST

The choice for your identity...



PLEXIGLAS RESIST®

Numerous Applications...



Machine Guard



Transportation



from 1.1.2004

PLEXIGLAS RESIST®

Numerous Applications....



Shop Fittings



PLEXIGLAS RESIST®

Numerous Applications....



Exterior/Architectural



P-O-P Displays



PLEXIGLAS RESIST® HP

Cast acrylic with higher strength...



... additional number of colours

... reduced minimum quantities

... improved surface

... different surfaces

... Improved thermoforming abilities

... better chemical resistance

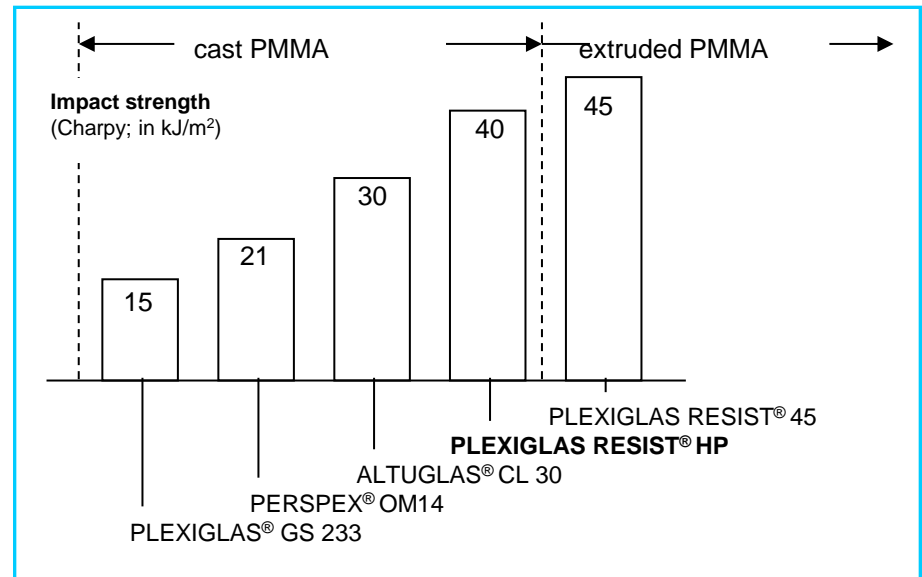
All PLEXIGLAS® GS-colours

MOQ. - 45 sheets

Brilliant surface before and after thermoforming

Available also in PLEXIGLAS SATINICE® SC or DC

Wider thermoforming range



PLEXIGLAS RESIST®

Producing strong results...



Fa. MRA Klement GmbH
Siemensstraße 6
79331 Teningen- Nimbung

Saarbrücken, 31.1.2002

Bestätigung über eine Materialprüfung

Sehr geehrter Herr Klement,

hiermit möchte ich Ihnen bestätigen, dass das von Ihnen verwendete Material, welches Sie mir zur Prüfung überlassen hatten, splittersicher ist und zur Verwendung für äußere Anbauteile an Krafträdern und PKW geeignet ist.
Bei den angelieferten Proben handelt es sich um Platten- Material der Stärke 3,5 mm mit der Handelsbezeichnung Plexiglas GS resist der Fa. Röhm GmbH & Co.KG.
Eine ausführliche Beschreibung des Materials war beigelegt.
Die Prüfungen wurden durchgeführt am 24.1.2003 nach der TA 29, Absatz 3.6.8.
Da keine der verwendeten Proben von der Kugel durchschlagen werden konnte, war eine Beurteilung der Bruchkanten nur durch gewaltsam herbeigeführte Beschädigungen wie Biegung oder Schlag möglich.
Die dadurch hervorgerufenen Kanten sind nicht als scharfkantig zu bewerten.

Für Rückfragen stehe ich Ihnen gerne zur Verfügung.

Mit freundlichen Grüßen

Dipl.-Ing. Stefan Bauermann

A handwritten signature in black ink, appearing to read 'Stefan Bauermann'.

(Der amtlich anerkannte Sachverständige
für den Kraftfahrzeugverkehr)



The Impact Strength Is Certified By German Testing Authority TÜV:

PLEXIGLAS® the non smoker

Many fires develop thick and non-transparent smoke.
Emergency exits can often no longer be seen.



PLEXIGLAS® burns almost without smoke in smoke density tests comparable to DIN 4102



Almost no smoke

No actual toxic gases

No corrosive gases

PLEXIGLAS® the non smoker

Many fires develop toxic gases.
Very often only a few minutes
remain to escape the smoke.



PLEXIGLAS® is non offensive in
regards to smoke gas toxicity in the
event of a fire (DIN 53436).



Almost no smoke

No actual toxic gases

No corrosive gases

PLEXIGLAS® the non smoker



Many fires develop soot and corrosive gases. The financial consequences are very often extremely expensive.



PLEXIGLAS® creates no soiling and does not generate corrosive combustible gases, complying with DIN VDE 0482-267



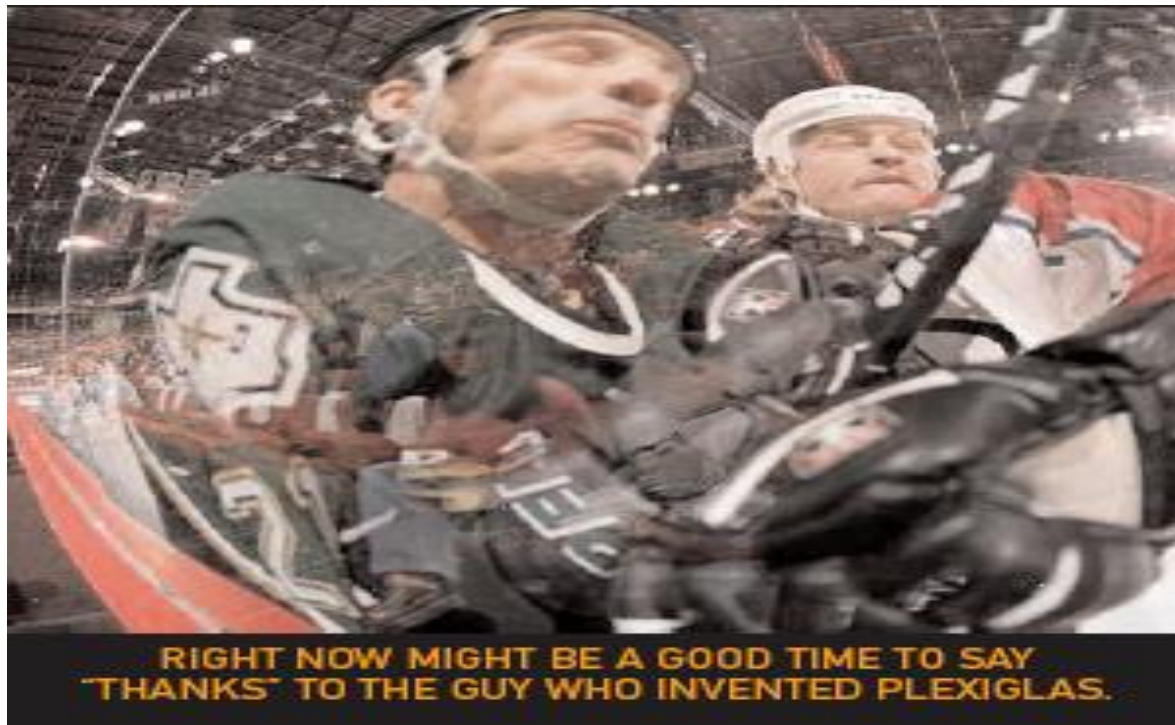
Almost no smoke

No actual toxic gases

No corrosive gases

PLEXIGLAS RESIST®

Another winning choice....





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