GRAVOTECH MATERIALS

Durability and performance in demanding environments

GRAVOTECH by BRADY

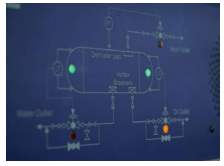
PLASTICS

	Material	Type	Technology	Indoor / outdoor use	Material characteristics	Recommended applications
	Gravostrat™	Bilayer (phenolic)	*		• Rigid double-sided, glossy finish. • Resistant to solvents and chemicals. • Non-flammable.	Industrial electrical identification
	Gravoply™ Laser	Bilayer (PMMA)			• Versatile, matte or colored finish, high contrast. • Cost-effective: a single product in stock for multiple uses.	General signage
	Gravoply™ Ultra	Bilayer (PMMA)			• UV, scratch and weather resistant. • Matte or glossy finish.	Outdoor informational and directional signage
	Flexilase™	Bilayer (0.25 mm) and adhesive (PMMA)			• Flexible, for flat or curved surfaces. • Sold with an adhesive backing, perfect for identification. • Matte, glossy or brushed finish, metallic colors. • Easy to cut.	Curved surfaces / electrical identification
	Acrylics	Single layer (PMMA)			• UV, scratch and crack resistant. • Matte and glossy finish depending on the side, or glossy for transparent acrylics.	Professional plates and cut-out letters
	Gravoglas™ 2-Plex™ Surface	Bilayer (PMMA)			• UV, solvent and scratch resistant. • Matte, glossy or textured finish. • Deep engraving possible.	Industrial signage

*Laser engraving only

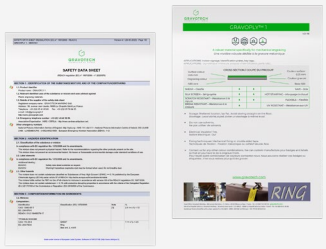
Laser Rotary Outdoor Indoor

ANODIZED ALUMINUM



Gravoxal™ anodized aluminum is a robust material for the most demanding environments: saline, chemical, etc. It offers **exceptional chemical and thermal resistance,** withstanding temperatures of up to 200°C.

Available in a matte or glossy finish, with a range of colors, this versatile material can be adapted to **the specific requirements of different environments** (light, visibility, etc.).



GRAVOTECH MATERIAL SAFETY DATASHEETS

These sheets enable professionals to ensure that products comply with current standards. Gravotech makes all of its datasheets available online.

Visit our dedicated page

GRAVOTECH MATERIAL SELECTION GUIDE

Would you like more information on choosing your engraving material?

Browse our online selection guide and find the most suitable materials for your application.

Browse our guide

GRAVOTECH ENGRAVING MATERIALS FOR PRINTING

Most Gravotech engraving materials are also compatible with UV printing.

Find out which materials are compatible with UV printing in our catalog using this icon:

Discover our catalog

Need more information?

Contact a Gravotech expert

Distributed by :

GRAVOGRAPH SINGAPORE PTE LTD
11 Woodlands Close, #04-05 Woodlands 11
737853, Singapore, Singapore

info.sg@gravotech.com
+65 6262 2945
www.gravotech.sg

Gravotech-materials-challenging-environment-08-2025-en-SG. The information, photos and illustrations contained in this document are non-binding and may be modified without notice. This document is not contractual.
Gravograph™, Gravotech™, Technifor™, WeLase™, Gravostyle™ and Dedicace™ are trademarks used, deposited or registered by a company of the Gravotech Group.
gravotech Marking - 466 rue des Mercières - Z.I. Périca - 69140 Rillieux-la-Pape - France. Société par Actions Simplifiée with capital of €26 749 016 - SIREN : 334 818 515 RCS Lyon.