

Fast UV Curing, Form-in-Place Gaskets from Dymax



Description

Dymax UV Curing Form-In-Place (FIP) and Cure-In-Place (CIP) Gaskets cure completely in seconds – even to 6mm thick beads – with good compression set. UV/Visible light curing, FIP/CIP gaskets eliminate ovens, racking, stacking, and waiting for traditional FIP/CIP gaskets to cure. Designed for sealing intricate, complex configurations as well as flat surfaces or wide, shallow grooves, permanent FIP/CIP gaskets can eliminate the delay experienced with slow-curing resins and the design and inventory expense associated with pre-cut gaskets.

Dymax gaskets can easily accommodate component design changes and part variation without additional development costs. Dymax Form-In-Place/Cure-In-Place gaskets are ideal for trim assembly, sound and vibration dampening, and non-skid applications and have been used to replace RTV silicone gaskets, resulting in speedier production, improved product yield, and reduced labour used to shuffle parts.

Features & Benefits

- Cure completely in seconds
- Silicone and solvent free
- Available in tack-free and pressure-sensitive surface tack formulations
- Available in a wide range of viscosities, including non-sag
- Excellent adhesion to plastics, glass and metal

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Selector Guide

Adhesive	Applications	Features
Dymax GA-103	Formulated for fuel cells, underwater enclosures, and high temperature sealing applications which require low compression set	UV/Visible light curing; excellent water resistance; excellent acid/base resistance; self-levelling gasket resin; high and low temperature resistant; low compression set; silicone free; conforms to intricate and complex component configurations

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Adhesive	Applications	Features
Dymax GA-108	Formulated for electrical closures, HVAC ductwork, appliance casings, speaker assembly, and automotive moisture sealing closures	UV/Visible light curing; soft, tacky gasket; low compression set; flexible gasket; good adhesion to wide variety of plastics, metals, glass, and ceramics; silicone free; black in appearance; conforms to intricate and complex component configurations
Dymax GA-112	Formulated for appliance housings, critical electronic assemblies and devices, and electrical conduit boxes	UV/Visible light curing; cures in seconds; silicone free; excellent tear resistance; cures soft and tack free; low outgassing; moisture-resistant sealing; conforms to intricate and complex component configurations

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Adhesive	Applications	Features
Dymax GA-120	Formulated for speaker assembly, sound dampening, and automotive enclosures	UV/Visible light curing; soft, low-durometer tacky resin; self-levelling viscosity; good deflection; adheres to a wide variety of plastics, metals, glass, and ceramics including glass-filled nylon; silicone free; conforms to intricate and complex component configurations

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Adhesive	Applications	Features
Dymax GA-140 Dymax GA-140-B Dymax GA-140-LV Dymax GA-140-SC Dymax GA-140-UR	Formulated for fuel cells, automotive door handles, appliance housings, and critical electronic assemblies and devices	UV/Visible light curing; moisture and chemical resistant; tack free; low outgassing; soft gasket material with high adhesion to plastics while providing a barrier to prevent absorption or penetration of air, dust, moisture, liquids, and gaseous substances; cures in seconds; silicone free; conforms to intricate and complex component configurations; excellent tear resistance for serviceable and limited-service applications; See-Cure (Dymax GA-140-SC) and Ultra-Red (Dymax GA-140-UR) grades available

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Adhesive	Applications	Features
Dymax GA-142	Formulated for electrical enclosures, HVAC ductwork, automotive enclosures, appliance casings, automotive door handles, and speaker assembly applications	UV/Visible light curing; good adhesion to nylon and metals; soft, tacky gasket; silicone free; cures in seconds; conforms to intricate and complex component configurations; adheres to a wide variety of plastics, metals, and nylon 6/6
Dymax GA-145	Formulated for fuel cells, automotive door handles, appliance housings, and critical electronic assemblies and devices	UV/Visible light curing; low outgassing; cures soft and tack free; excellent tear resistance; black translucent in appearance; cures in seconds; silicone free; conforms to intricate channels or recesses

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Adhesive	Applications	Features
Dymax GA-201	Formulated for sealing plastic, glass, and metal surfaces and enclosures as well as sealing plated surfaces	UV/Visible light cure; tack-free after proper cure; moisture and chemical resistance; soft and durable after proper cure; colourless in appearance; silicone free; conforms to intricate channels and recesses

Safety Data Sheets
For the latest SDS for this product, please e-mail msds@intertronics.co.uk

Other Information



Our [Technical Bulletins](#) page has links to:

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■ Technical Bulletin: [FIP Gaskets Cheaper Than You Think](#)

Ordering Information

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Email*

■ Post code*

If you're in the UK, knowing your postcode would help us get in touch even more quickly. If you're outside the UK, please indicate your country.

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