

Dymax SpeedMask Temporary Masking UV Resins



Description

Replace tape, wax, lacquers and fixtures with **Dymax SpeedMask** temporary masking resins, which offer reliable protection against most metal finishing processing environments. Their tenacious adhesion seals and protects machined, ground, or polished surfaces during tumbling, peening, abrading or cleaning processes.

Grinding and peening masks eliminate external damage to edges and surfaces and internal cavity FOD. SpeedMask resins also seal cavity openings and prevent contamination from acid, alkaline and plating solutions, as well as the debris from air plasma spray, HVOF, peening and grit blasting.

Features & Benefits

- Apply and cure in seconds
- Reduce labour, rework and scrap
- Easy to automate
- Environmentally and worker friendly
- Metallurgically neutral
- Minimal capital investment
- Major OEM approvals

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Applications

Masking for:

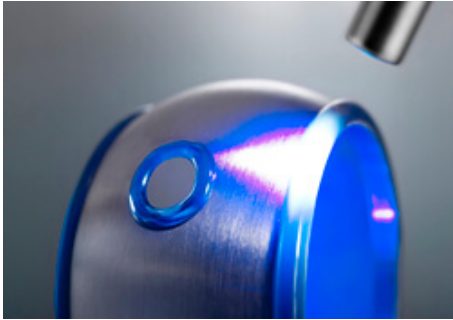
- Acid Stripping
- Anodising
- Chemical Milling
- Plating

DYMAX advanced technology SpeedMask UV resins, curing lamps and accessories simplify regulatory compliance, and bring efficiency and cost reduction to new parts manufacturing, overhaul and repair, turbine and metal finishing, as well as orthopedic implant, surgical instrument and medical device component processing. Clean burn-off grades and peelable and water soluble masks are available.

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DYMAX SpeedMask is applied






Dymax SpeedMask is UV cured instantly



Part is ready for processing

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 <p>Part is processed</p>	 <p>DYMAX SpeedMask is removed</p>	 <p>Part is finished</p>
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Product Name	Description	Viscosity	Hardness	Appearance
Thermal Plasma Spray				

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Product Name	Description	Viscosity	Hardness	Appearance
DYMAX 706	<ul style="list-style-type: none"> · Acid strip and thermal spray-coating mask · Burn-off removal 	43,000	D75	Clear
DYMAX 718	<ul style="list-style-type: none"> · APS and HVOF resin with aluminium oxide for wear resistance · Burn-off removal 	50,000	D80	White
Blasting Surface Treatment				
DYMAX 724	<ul style="list-style-type: none"> · Low adhesion · Dry-surface treatment · NVP free · Easy peel 	70,000	D40	Clear
Mild Plating & Blasting				

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Product Name	Description	Viscosity	Hardness	Appearance
DYMAX 726-SC	<ul style="list-style-type: none"> · Chemical and heat resistant gel with See-Cure · Blue to Pink · Easy peel 	45,000	D40	Blue
Plating & Chemical Process				
DYMAX 728-G	<ul style="list-style-type: none"> · Aggressive chemical resistance for plating · Green in colour · Peelable 	25,000	D55	Green
DYMAX 729	<ul style="list-style-type: none"> · Plating and harsh chemical mask · High temperature resistance · High adhesion · Burn-off removal 	20,000	D70	Clear

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Product Name	Description	Viscosity	Hardness	Appearance
DYMAX 7601	<ul style="list-style-type: none">· Plating, anodising, grit blasting and acid stripping· Colour change upon cure (pink to yellow-green)· Resistant to strong acids and etchants· Easy peel-off removal· LED UV curable	25,000	A63	Pink

Plating, Plasma Spray, Blasting & Anodising

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Product Name	Description	Viscosity	Hardness	Appearance
DYMAX 717-R	<ul style="list-style-type: none"> · Fast curing · Peel-off after hot-water soak · Sprayable · High visibility red colour · ISO 10993 Cytotoxicity approved 	21,000	D60	Red
DYMAX 730-BT	<ul style="list-style-type: none"> · Trimmable · Aggressive chemical resistance for plating and anodising · Easy to peel 	20,000	D36	Blue

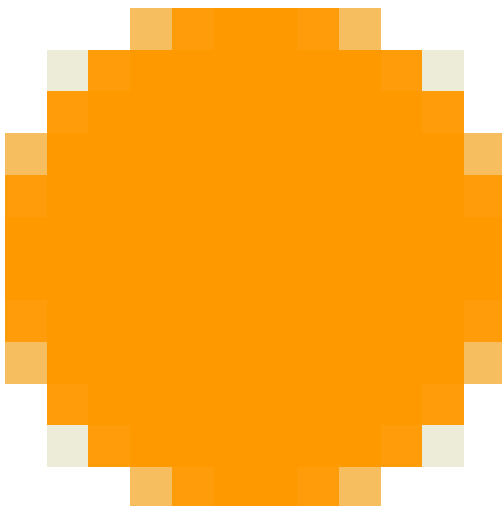
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Product Name	Description	Viscosity	Hardness	Appearance
DYMAX 731	<ul style="list-style-type: none"> · Aggressive processing mask · High adhesion · Bright yellow in colour · Replacement for 717-R (limited depth of cure) 	28,000	D55	Yellow
DYMAX 733	<ul style="list-style-type: none"> · High adhesion · Aggressive processing mask · Faster cure speed than 717-R and 728-G 	25,000	D50	Clear

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Product Name	Description	Viscosity	Hardness	Appearance
 <p data-bbox="590 952 1189 996">= Our most popular products in this range</p>				

Other Information

See how Dymax SpeedMask works as part of a real application in this [Case Study](#):

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<p>CASE STUDY</p> <p>intertronics adhesives, coatings, sealants & equipment for your manufacturing and technology applications</p> <p>Dymax SpeedMask® UV curing temporary masking liquid</p> <p>Dymax BlueWave® 200 UV curing system</p>  	<p><u>Improving masking process for electroless nickel plating in Aerospace and Defense applications</u></p> <p>A manufacturer of landing gear and actuation systems for the aerospace market was looking for efficiencies in their electroless nickel plating process. They wanted to automate the masking process and increase throughput, which they achieved with Dymax SpeedMask 7601 and a Dymax BlueWave 200 UV curing lamp.</p>
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See our [Technical Articles and White Papers](#) page for a technical whitepaper on [Environmentally Safe, UV Curable Masking Resins Reduce Aircraft Component Manufacturing Costs](#) – by Rich Golebiewski, Dymax Corp

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Last updated: November 2019 Version: 6.4

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