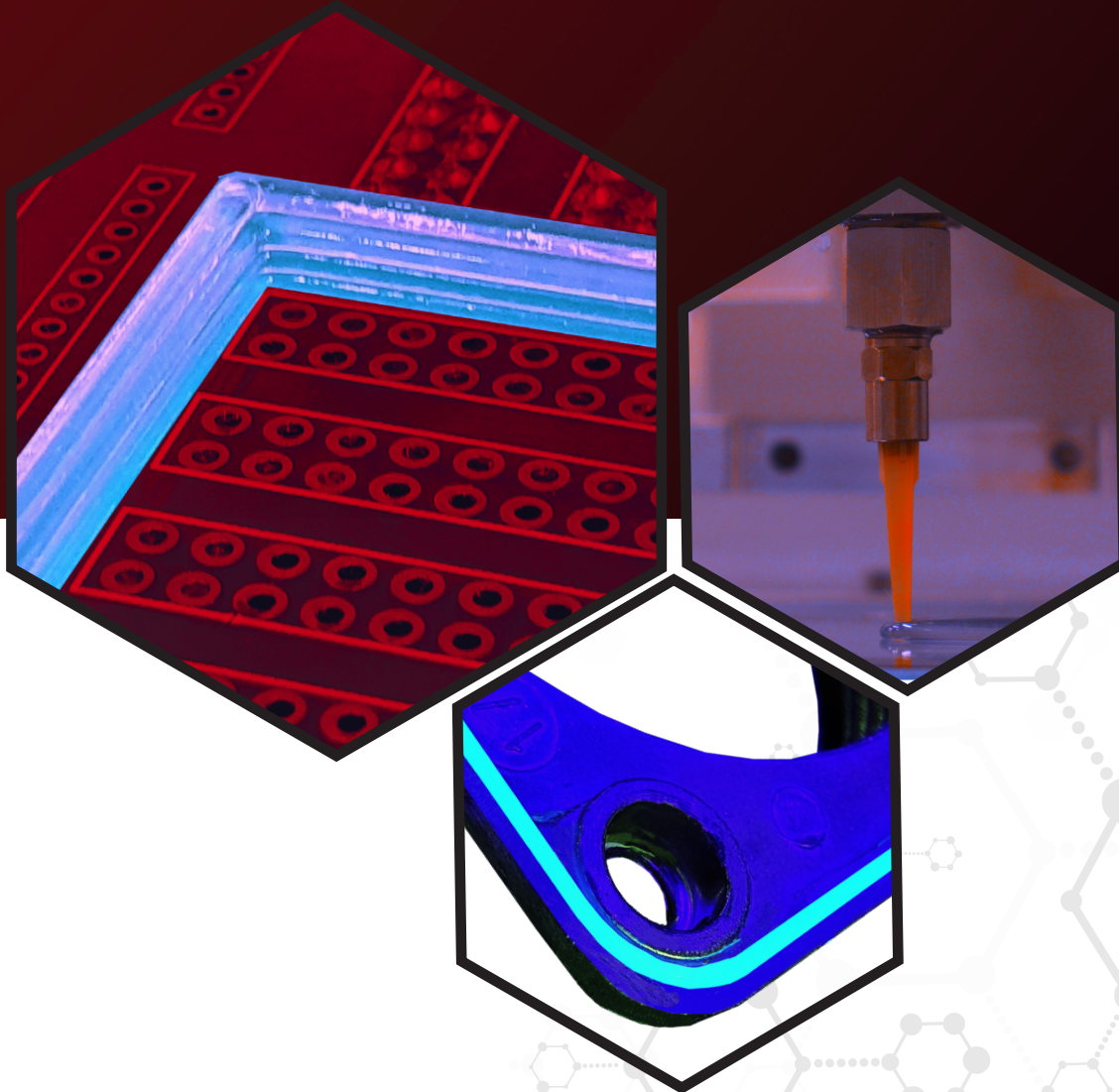


# Form-in-Place / Cure-in-Place (FIP/CIP)

# GASKETS



**NEXUS GASKETS**

ResinDesign

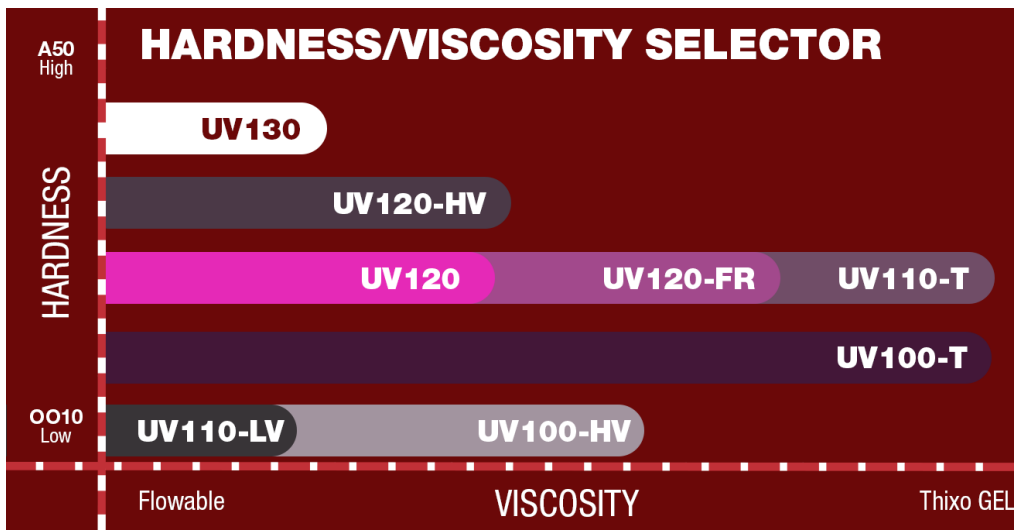
[www.ResinDesigns.com](http://www.ResinDesigns.com)



## NEXUS GASKET PRODUCTS

Resin Designs form-in-place/cure-in-place gasketing compounds are designed as solutions to a wide range of adhesion and sealing challenges. Potential products and markets include appliances, aerospace, automotive, electronic devices, and many others. Supplied in liquid form, they provide a versatile and cost effective alternative to traditional pre-formed gaskets.

The products range in viscosity, hardness, tensile strength, and resistance to chemicals. Our polymer chemists are also capable of custom formulations as required to suit your specific needs



### APPLICATIONS

- Medical Devices
- Automotive Assemblies
- Appliances and White Goods
- Electronic Assembly
- Aerospace and Military Assemblies

### FORM-IN-PLACE / CURE-IN-PLACE (FIP/CIP) GASKETS

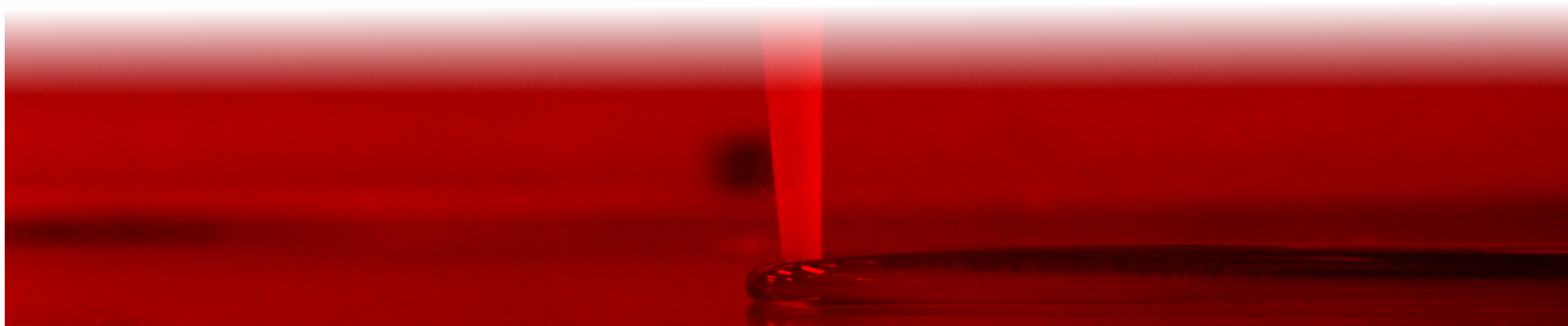
- A wide range of hardnesses and elongation
- Multiple viscosities available
- Resistant to chemicals and vapors
- High-speed instant UV cure
- Variable work life times
- Standard and custom formulations

# NEXUS GASKETS



PRODUCT	CURE MECH	CHEM CAT	VISCOSITY	WATER ABSORPTION	THIXO	SHORE	APPEARANCE	COMPRESSION STRESS RELAXATION	DESCRIPTION
<b>CIP UV120</b>	UV	Acrylated Urethane	20K	12%	-	A45	Clear/Yellow	5% at RT for 22 HR.	Medium viscosity, one-part, UV cure gasket material with excellent moisture resistance that provides selective release from bonded or coated substrates.
<b>CIP UV120-HV</b>	UV	Acrylated Urethane	54K-384K	2%	1.7	A45-60	Clear/Yellow	5% at RT for 22 HR.	High viscosity, one-part UV cure gasket material with excellent vibration and moisture resistance. The high viscosity assists with applications that require reduced sagging.
<b>CIP UV120-FR</b>	UV	Acrylated Urethane	25K-350K	5%	3.6	A45	Clear	5% at RT for 22 HR.	Highly thixotropic, clear, one-part, UV-curable gasket. CIP-UV120-FR is a flame-resistant paste like material for applications requiring non-sag behavior.
<b>CIP UV110-T</b>	UV	Acrylated Urethane	180K-590K	9%	7.5	A40	Clear/Yellow	5% at RT for 22 HR.	Highly thixotropic, one-part, UV-curable gasket with excellent flexibility and resilience. High viscosity thixotropic property allows for non-sagging applications.
<b>CIP UV100-LV</b>	UV	Acrylated Urethane	750	2%	-	0025	Clear	35% at RT for 22 HR.	Low viscosity "flowable", clear, very soft one part UV cure gasket. Will cure in seconds to form a flexible, low-modulus polymer that can provide a high amount of bond strength without imparting stress.
<b>CIP UV100-HV</b>	UV	Acrylated Urethane	100K	0%	4.2	0010	Clear	0% at RT for 22 HR.	High-viscosity, clear, one part UV cure gasket, cures in seconds to form a soft, flexible, low-modulus polymer that can provide a high amount of bond strength without imparting stress. The high viscosity assists with applications that require reduced sagging.
<b>CIP UV100-T</b>	UV	Acrylated Urethane	323K	0%	5.3	0048	Clear	5% at RT for 22 HR.	Thixotropic, clear, one part UV cure gasket. The rheology properties are designed to offer ease of dispensing while providing sag resistant application. CIP-UV100-T provides very low hardness, good elongation, resists yellowing, and retains tack.
<b>CIP UV130</b>	UV	Acrylated Urethane	25K	12%	5.3	A60	Clear	20% at RT for 22 HR.	One part, non-sag paste that bonds well to engineered plastics and metal substrates. Once cured, CIP-UV130 is ideal for cure-in-place gasket applications that benefit from a slight tack to maintain substrate contact.

The information contained here is provided for product selection purposes only and is not to be considered specification or performance data. Under no circumstance will the seller be liable for any loss, damage, expense or incidental or consequential damage of any kind arising in connection with the use or inability to use its product. Specific conditions of sale and Chase's limited warranty are set out in detail in Chase Corporation Terms and Conditions of Sale. Those Terms and Conditions are the only source that contain Chase's limited warranty and other terms and conditions.



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