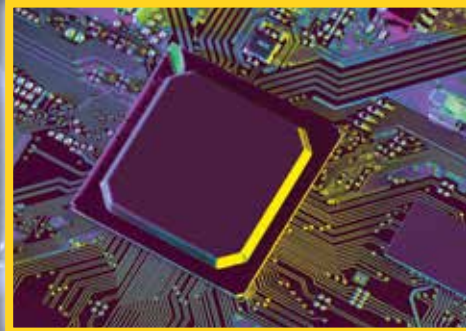




TECHSPRAY®

VAPOR DEGREASER & ULTRASONIC SOLVENTS



Electronics



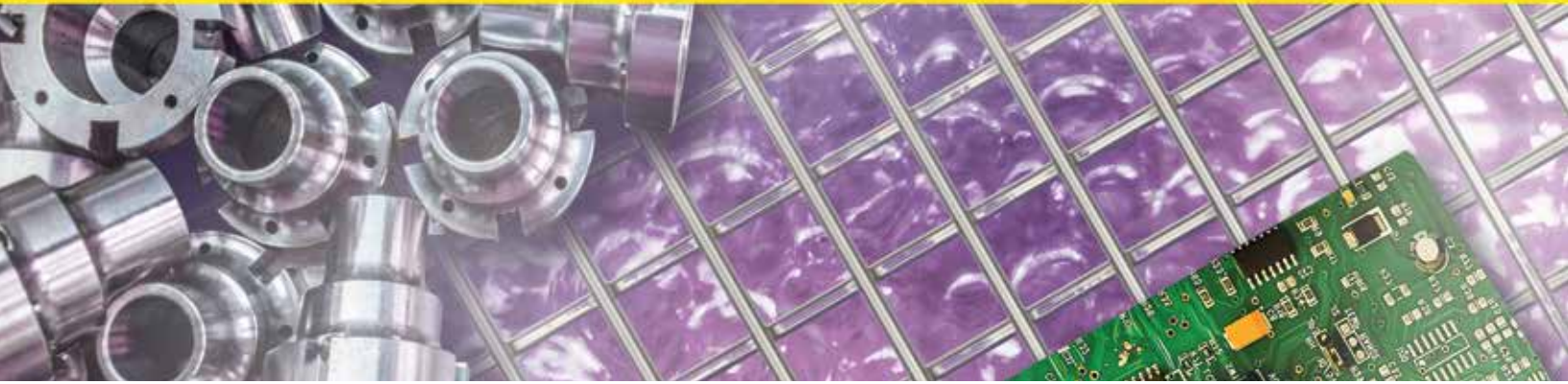
Aviation MRO



Medical

High Performance
& Safer Solvents

Full Line of Novec
Replacements



Greater Safety & Performance

Techspray offers a wide variety of vapor degreaser formulas engineered to meet challenging requirements like cleanliness specifications, difficult-to-clean soils, solvent-sensitive materials, and restrictive regulations.

All Techspray solvents have azeotropic properties that allow them to remain stable as they are cycled in a vapor degreaser. They are not reactive or corrosive to metals commonly found in the construction of vapor degreasers.

PWR-4™ solvents are designed to replace nPB, TCE and Perc, matching and surpassing cleaning performance without the safety concerns.

Precision-V™ vapor degreaser solvents are ideal replacements for 3M Novec solvents and AK-225 based cleaners, which were phased out due to the ozone depletion restrictions of the Montreal Protocol.

PRECISION V NEW!

Solvent 3810

Plastic-safe rinsing agent & heat transfer fluid

- Replacement for Novec 7100, 7200 & 7300
- Nonflammable
- Plastic-safe

3810-G	1 gal. (3.8L) pail
3810-5G	5 gal. (19L) pail
3810-54G	54 gal. (205L) drum

PRECISION V NEW!

Solvent 3820

Powerful, high precision solvent

- Replacement for Novec 71DA, 71DE, 72DA, 72DE & 73DE
- Nonflammable
- Effective on cutting fluids, heavy greases & oils

3820-G	1 gal. (3.8L) pail
3820-5G	5 gal. (19L) pail
3820-54G	54 gal. (205L) drum

PWR 4 NEW!

Solvent 3410

Heavy-duty, cost effective degreaser

- Replacement for Novec 71DE, 72DA, 72DE & 73DE
- Nonflammable
- Effective on heavy greases, oils & waxy corrosion inhibitors
- For vapor degreasing, ultrasonic & immersion cleaning

3410-G	1 gal. (3.8L) can
3410-5G	5 gal. (19L) pail
3410-54G	54 gal. (205L) drum

PWR 4

Industrial Maintenance Cleaner

Heavy-duty, cost effective degreaser

- Replacement for Novec 71DE, 72DE & 73DE
- Nonflammable
- Effective on heavy greases, oils & waxy corrosion inhibitors
- For vapor degreasing, ultrasonic & immersion cleaning
- Lower GWP

3400-G	1 gal. (3.8L) can
3400-5G	5 gal. (19L) pail
3400-54G	54 gal. (205L) drum

PWR 4

Flux Remover

Heavy-duty, cost effective flux remover

- Replacement for Novec 71DE, 72DE & 73DE
- Nonflammable
- Effective on rosin, RMA, no-clean & lead-free fluxes
- For vapor degreasing, ultrasonic & immersion cleaning
- Lower GWP

3401-G	1 gal. (3.8L) pail
3401-5G	5 gal. (19L) pail
3401-54G	54 gal. (205L) drum

Techspray Has The Novec Replacements You Need.

Immediate Chemical Replacements

For companies reacting to the unreliable availability of Novec solvents, Techspray offers a line of chemical replacements. These solvents are engineered to react and perform the same as Novec products. COC's are available to ensure your strict quality standards are maintained.

3M Novec # Techspray Replacements

7100	Precision-V 3710	
	3710-G	1 gal. (3.8L) can
	3710-5G	5 gal. (19L) pail
	3710-54G	54 gal. (205L) drum
71DA	Precision-V 371DA	
	371DA-G	1 gal. (3.8L) can
	371DA-5G	5 gal. (19L) pail
	371DA-54G	54 gal. (205L) drum
71DE	Precision-V 371DE	
	371DE-G	1 gal. (3.8L) can
	371DE-5G	5 gal. (19L) pail
	371DE-54G	54 gal. (205L) drum
71PA	Precision-V 371IPA	
	371IPA-G	1 gal. (3.8L) can
	371IPA-5G	5 gal. (19L) pail
	371IPA-54G	54 gal. (205L) drum
7200	Precision-V 3720	
	3720-G	1 gal. (3.8L) can
	3720-5G	5 gal. (19L) pail
	3720-54G	54 gal. (205L) drum
72DA	Precision-V 372DA	
	372DA-G	1 gal. (3.8L) can
	372DA-5G	5 gal. (19L) pail
	372DA-54G	54 gal. (205L) drum
72DE	Precision-V 372DE	
	372DE-G	1 gal. (3.8L) can
	372DE-5G	5 gal. (19L) pail
	372DE-54G	54 gal. (205L) drum
7300	Precision-V 3730	
	3730-G	1 gal. (3.8L) can
	3730-5G	5 gal. (19L) pail
	3730-54G	54 gal. (205L) drum
73DE	Precision-V 373DE	
	373DE-G	1 gal. (3.8L) can
	373DE-5G	5 gal. (19L) pail
	373DE-54G	54 gal. (205L) drum



Options For Replacing 3M Novec Solvents

With 3M's announcement of their discontinuation of Novec branded solvents by the end of 2025, companies are scrambling to identify the best solution for the immediate and long-term...

Option 1 - Immediate solution


Choose one of Techspray's specifically engineered Novec replacements. Cleaning qualification testing is optional. COA available on request.

Option 2 - Long-term solution

Choose one of Techspray's replacements, under the product brands PWR-4 and Precision-V, for improved performance and cost. Custom formulations are available to meet specification requirements (e.g. low GWP, PFAS-free).

Techspray has great products for any of these options. Go to www.novecreplacements.com for details.

Vapor Degreaser Selection Guide

Part #	Product Name	Boiling Point (°F/°C)	EPA VOC (wt %)	CARB VOC (wt %)	SCAQMD VOC (g/l)	GWP	Degreasing	Defluxing	Plastic-Safe	Cleaning Performance
3400	PWR4 Maintenance Cleaner	118/48	95	100	1206	16	●			
3401	PWR4 Flux Remover	118/48	95	100	1206	16		●		
3410	PWR4 3410	118/48	90	97	1239	54	●			
3820	Precision-V 3820 NEW!	102/39	43	100	1342	374		●	*	
371DE	Precision-V 371DE NEW!	106/41	45	45	638	160	●	●	*	
372DE	Precision-V 372DE	111/44	70	70	896	43	●	●	*	
373DE	Precision-V 373DE	118/48	85	100	1088	47	●	●	*	
372DA	Precision-V 372DA	109/43	61	61	768	43	●	●	*	
371DA	Precision-V 371DA	104/40	48	48	638	170	●	●	●	
371IPA	Precision-V 371IPA	131/55	3	3	45	310	●		●	
3810	Precision-V 3810 NEW!	133/56	exempt	100	1434	540			●	
3710	Precision-V 3710	142/61	exempt	0	0	320			●	
3720	Precision-V 3720	169/76	exempt	0	0	55			●	
3730	Precision-V 3730	208/98	exempt	100	995	200			●	

*Test First



TechLab Cleaning & Qualification Services

Techspray's TechLab offers state-of-the-art cleaning, coating and analytical services to help customers optimize their processes. Our cleaning equipment includes batch, ultrasonic, and vapor-degreasing systems. This equipment allows us to better duplicate your production environment for process optimization and troubleshooting, while ensuring compliance, safety and affordability. Depending on your needs, whether it be cleaning or identifying a problematic process or product, or to identify a product to assist your normal processes, our staff, equipment and expertise are here for you.

Contact Techspray at 678-819-1408 or info@itwcc.com for free TechLab qualification testing. We are available to help qualify new cleaning processes, evaluate current processes, or troubleshoot contamination issues.