

Solvent Cements Catalogue



Formulated For The Professionals
Adhesives & Sealants

A collage of images demonstrating the use of V-tech solvent cements. The top left shows a brush applying cement to a pipe. The top middle shows hands joining a pipe to a pump. The top right shows a complex piping system. The middle left shows a plumber working on a sink. The middle right shows a close-up of a pipe joint. The bottom left shows a worker in a hard hat and safety gear installing a large pipe. The bottom right features a large display of V-tech solvent cement products, including boxes of VT-300 and VT-301, and cans of VT-300, VT-301, and VT-302. The products are arranged on a reflective surface. At the bottom left, there is a logo for NIPPON PAINT, stating 'A member of'. At the bottom right, there are two circular logos: one for SIRIM (Standard Industrial Research and Testing Institute of Malaysia) and another for LOW VOC (Low Volatile Organic Compounds) content.

A member of
NIPPON PAINT



Solvent Cements

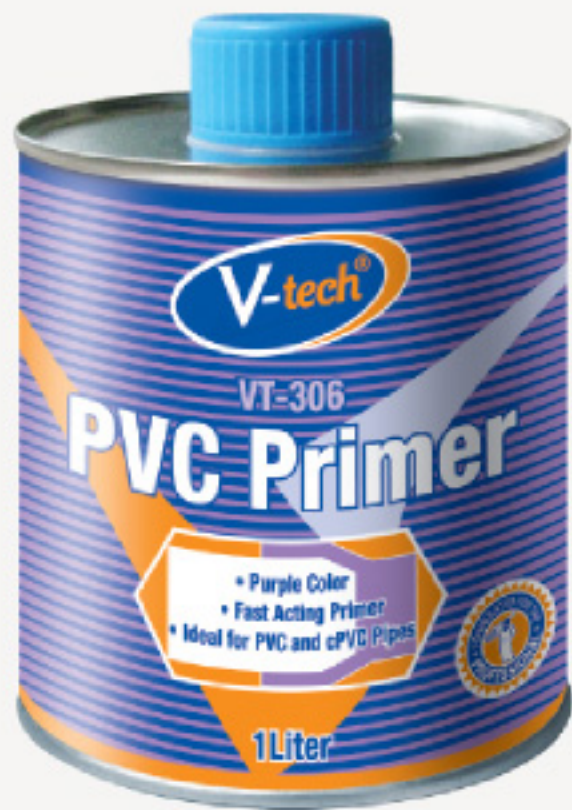
Product Characteristics								
Product Code and Name	VT-300	VT-301			VT-302G	VT-320	VT-310	
	PVC Solvent Cement	VT-301 All Pressure Solvent Cement (Clear)	VT-301FC All Pressure Solvent Cement (Fast Cure)	VT-301LV All Pressure Solvent Cement (Low VOC)	VT-302G / VT-302T Heavy Duty Solvent Cement (Grey / Transparent)	VT-320 cPVC Solvent Cement	VT-310 ABS Solvent Cement	VT-310LV ABS Solvent Cement (Low VOC)
Features	• Premium quality • Medium strength	• Sirim test • Transparent liquid	• Fast cure	• Low VOC	• Grey liquid • Transparent liquid	• High strength • For hot and cold water pipes	• ABS fitting and pipes	• Low VOC • ABS fitting and pipes
Applicable Tests / Standards	- RoHS Directive 2011/65/EU	- Sirim Test- MS 628: Part 2: Section 2.2.:1999	- Sirim Test- MS 628: Part 2: Section 2.2.:1999	- Low VOC - SCAQMD Method 316A	-	-	-	- Low VOC - SCAQMD Method 316A
Solid Content	17%	23%	23%	34%	24%	24%	29%	28%
Viscosity At 25°C	230 cPs	1,100 cPs	450 cPs	1,900 cPs	1,800 cPs (VT-302G) 1,600 cPs (VT-302T)	1,900 cPs	1,300 cPs	1,300 cPs
Specific Gravity	0.88 – 0.92	0.92 – 0.96	0.89 – 0.94	0.92 – 0.96	0.88 – 0.94	0.96 – 1.00	0.85 – 0.89	0.86 – 0.90
Physical State	Clear liquid	Transparent liquid	Clear liquid	Transparent viscous liquid	Grey / Transparent liquid	Orange liquid	Blue liquid	Blue liquid
Service Temperature	-10 °C – 60 °C	-10 °C – 60 °C	-10 °C – 60 °C	-10 °C – 60 °C	-10 °C – 60 °C	-10 °C – 82 °C	-10 °C – 60 °C	-10 °C – 60 °C
Assembly Time	5 minutes	5 minutes	5 minutes	5 minutes	5 minutes	5 minutes	5 minutes	5 minutes
Initial Set Time	15 minutes	30 minutes	15 minutes	30 minutes	30 minutes	30 minutes	30 minutes	30 minutes
Initial Set Time - low pressure application	3 hours	4 hours	3 hours	4 hours	4 hours	4 hours	4 hours	4 hours
Final Set Time - high pressure application	24 hours	24 hours	24 hours	24 hours	24 hours	24 hours	24 hours	24 hours
Applications	✔ Upon full cure, it is safe for drinking water, irrigation, waste water, sanitary pipes and conduit, etc.							
	✔ PVC and uPVC pipes up to 100 mm diameter	✔ PVC and uPVC pipes up to 200 mm diameter	✔ Fast cure ✔ PVC and uPVC pipes up to 200 mm diameter	✔ Low odour ✔ PVC and uPVC pipes up to 200 mm diameter	✔ Heavy duty PVC and uPVC pipes between 200mm to 400mm diameter	✔ cPVC pipes up to 150 mm diameter ✔ Hot and cold water	✔ Bonding and coupling of ABS fitting and pipes	✔ Low odour ✔ ABS fitting and pipes

Available Size / Content

Scan to view >>

Content Product	15 m x 10 (Blister Card)	50 ml (Individual Box)	100 ml (Can)	500 ml (Can)	3.0 kg (Tin)	4 fl. oz.(Can)	8 fl. oz.(Can)	16 fl. oz.(Can)	32 fl. oz.(Can)		
VT-300	✓	✓	✓	✓	✓	✓	✓	✓	✓		
VT-301			✓	✓	✓	✓	✓	✓	✓		
VT-302						✓	✓	✓	✓		
VT-320						✓	✓	✓	✓		
VT-310		✓	✓	✓	✓						
Product Code	Content	Carton Quantity	Product Code	Content	Carton Quantity	Product Code	Content	Carton Quantity	Product Code	Content	Carton Quantity
VT-30015V	15 ml x 10 tubes	48 packs	VT-301100	100 ml	60 cans	VT-30240Z	4 fl. oz. (118 ml)	48 cans	VT-31050	50 ml tube boxed	144 boxes
VT-300AT50	50 ml tube boxed	144 boxes	VT-301500	500 ml	24 cans	VT-30280Z	8 fl. oz. (237 ml)	24 cans	VT-310100	100 ml	60 cans
VT-300100	100 ml	60 cans	VT-3013K	3.0 kg	6 / 8 tins	VT-302160Z	16 fl. oz. (473 ml)	12 cans	VT-310500	500 ml	24 cans
VT-300500	500 ml	24 cans	VT-301LV500	500 ml	24 cans	VT-302320Z	32 fl. oz. (946 ml)	12 cans	VT-3103K	3.0 kg	6 / 8 tins
VT-3003K	3.0 kg	6 / 8 tins	VT-301LV3K	3.0 kg	6 / 8 tins	VT-32040Z	4 fl. oz. (118 ml)	48 cans	VT-310LV500	500 ml	24 cans
VT-30040Z	4 fl. oz. (118 ml)	48 cans	VT-30140Z	4 fl. oz. (118 ml)	48 cans	VT-32080Z	8 fl. oz. (237 ml)	24 cans	VT-310LV3K	3.0 kg.	6 / 8 tins
VT-30080Z	8 fl. oz. (237 ml)	24 cans	VT-30180Z	8 fl. oz. (237 ml)	24 cans	VT-320160Z	16 fl. oz. (473 ml)	12 cans			
VT-300160Z	16 fl. oz. (473 ml)	12 cans	VT-301160Z	16 fl. oz. (473 ml)	12 cans	VT-320320Z	32 fl. oz. (946 ml)	12 cans			
VT-300320Z	32 fl. oz. (946 ml)	12 cans	VT-301320Z	32 fl. oz. (946 ml)	12 cans						

Product Characteristics			
Product Code and Name	VT-307	Others	
	VT-307 / VT-307P PVC Solvent Cement	VT-306 Primer	VT-311 Pipe Cleaner
Features	• Specially for PVC film fills used in cooling towers	• Purple colour • Fast acting primer	• Cleaner for PVC, ABS and cPVC pipes • To restore brushes and to clean tools soiled with residues of solvent cement
Solid Content	11%	–	–
Viscosity At 25°C	60 cPs	–	–
Specific Gravity	0.88 – 0.92	0.80 – 0.84	0.805 – 0.807
Physical State	Clear liquid	Purple liquid	Clear liquid
Service Temperature	4 °C – 45 °C	4 °C – 30 °C	- 10 °C – 60 °C
Applications Temperature	4 °C – 45 °C	-10 °C – 40 °C	-10 °C – 40 °C
Applications	✓ Upon full cure, it is safe for drinking water, irrigation, waste water, sanitary pipes and conduit, etc.	✓ Expedite the penetration and softening the pipes and fitting surfaces to prepare for assembly. When used with appropriate solvent cement, it will make a well-fused and consistently strong joint.	
	✓ Bonding and coupling of PVC film fills	✓ PVC and cPVC Pipes	✓ For pipes of all classes and schedules

Available Size / Content								
VT-307 / VT-307P PVC Solvent Cement			VT-306 PVC Primer			VT-311 Pipe Cleaner		
								
Product Code	Content	Carton Quantity	Product Code	Content	Carton Quantity	Product Code	Content	Carton Quantity
VT-307	190 kg	1 drum	VT-30616OZ	16 fl. oz. (473 ml)	24 cans	VT-311500	500 ml	24 cans
VT-307P	180 kg	1 drum	VT-3061L	1.0 L	12 cans	VT-3111L	1.0 liter	12 cans
						VT-3114OZ	4 fl. oz. (118 ml)	48 cans
						VT-3118OZ	8 fl. oz. (237 ml)	24 cans
						VT-31116OZ	16 fl. oz. (473 ml)	12 cans
						VT-31132OZ	32 fl. oz. (946 ml)	12 cans



VITAL TECHNICAL SDN. BHD.
No.93, Jalan Industri 3/3,
Rawang Integrated Industrial Park,
48000 Rawang, Selangor, Malaysia.
Tel: +603 6094 2088
Fax: +603 6099 2930
E-mail: sales@vitaltechnical.com

Distributed By

