

Hi-S Cal V803-90 vinyl with removable adhesive

Hi-S Cal V803-90 is a durable black coloured cast vinyl with a removable adhesive designed for applications where lower bond strength is required for removing lettering.

Typical application;

- Temporary signs removable black text



The adhesive is specially formulated and during removal will not leave stubborn adhesive residue on the surface of Nikkalite® retroreflective sheetings.

- Overcomes difficulties in removing adhesive residues from sign surfaces.

Temporary traffic signs are often re lettered and many vinyl's leave an adhesive residue which requires removal using strong solvents and additional labour. This is a time consuming and messy operation and the solvent may soften and weaken the surface of the retroreflective sheeting. The use of solvents and Health & Safety related implications can be completely removed by using V803-90 removable cast vinyl that remains removable after many years exposure to UV.

Recommended for lettering requiring later removal and not for blanking areas of sign face.

Sheeting characteristics;

Physical test	Result	Adhesion on painted aluminium panel (N/10mm)	Initial after 1 hour at 23°C	7
Base film thickness (mm)	0.075	After 168 hours at 23°C		10
Adhesive thickness (mm)	0.02	Heat aging after 168 hours at 80°C		10
Adhesion removal test from Nikkalite® ULS & CRG after 12 hours at -15°C	No residue	Humidity after 168 hours at 50°C, 95% RH		9
Tensile strength at 23°C (N/10mm)	15	Water immersion after 168 hours at 40°C		9
Tensile strength at break at 23°C (N/10mm)	26	Heat aging after 168 hours at 80°C		No effect
Shrinkage on painted panel (80°C x 24 hr) (%)	1	Humidity after 168 hours at 50°C, 95% RH		No effect
		Water immersion after 168 hours at 40°C		No effect
		Salt spray after 240 hours at 35°C (5%NaClaq)		No effect
		Fuel resistance after 0.5 hours at 23°C		No effect
		Durability on aluminium panel	Florida South facing 24 months	No effect
			Weatherometer 3000 hours	No effect
		Resistance test 0.5ml after 25 hrs	35% HCl aq	No effect
			Engine oil, Grease, Fuel oil, Gasoline	No effect

Reliability of information

All recommendations and technical information contained herein are based on experience and tests, which the manufacturer believes to be reliable, but their accuracy and completion are not warranted. The user is cautioned to undertake tests to determine the suitability of a particular product for the intended application.

Warranty

Hi-S Cal® temporary products are warranted to be free from defects in materials and workmanship at the time of their sale and are sold without any warranty whatsoever, including warranties of merchantability or fitness for a particular purpose.

The sole remedy for defect in Hi-S Cal® products is the replacement of the defective products; neither the manufacturer nor the seller shall be liable for any loss, damage or injury, direct or indirect, consequential or incidental, arising from the use of or inability to use said products.

