

Surface protective materials for colored steel plates

SPV-C Series

SPV-C-6010/C-100/C-200/C-300/C-400/C-500

Outline

SPV-C Series is surface protective materials using polyethylene film, which is developed by utilizing Nitto Denko's proprietary technology.

These products are suitable for surface protection of colored steel plates during process and transportation.

Especially SPV-C-6010 is not used organic solvent from the manufacturing stage to embrace environmentalism.

Construction



Features

- Minimal change in adhesive strength after laminating enables to be easy peeling.
- Superior transparency enables appearance inspection of the surface condition of the substrate without removing the tape.
- Depending on the surface roughness and degree of processing, the most suitable product among a wide range of adhesive strength products can be used.
- SPV-C-6010 is not used organic solvent from the manufacturing stage to embrace environmentalism.

Applications

Surface protection for colored steel plates during process and transportation.

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2018.02.01

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Standard Size/Color

Item	Thickness (mm)	Width (mm)	Length (M)	Color
SPV-C-6010	0.060	1250	100	Clear
			200	Light blue
SPV-C-100	0.060	1250	100/200	Clear
SPV-C-200	0.060	1250	100/200	Clear/Light blue
SPV-C-300	0.060	1250	100/200	Clear/Light blue
SPV-C-400	0.060	1250	100/200	Clear
SPV-C-500	0.060	1250	100/200	Clear

*Contact us for information concerning sizes.

General properties

Item	Unit	C-6010	C-100	C-200	C-300	C-400	C-500
Thickness *1	mm	0.060	0.060	0.060	0.060	0.060	0.060
Adhesive Strength *2	N/20mm	1.30	0.70	1.40	1.80	2.00	2.50
Tensile Strength *3	N/20mm	30	25	25	25	25	25
Elongation *3	%	300	250	250	250	250	250

Test Method

*1:Nominal thickness

*2:Based on JIS Z-0237

SPV-C-6010 (Adherend: SUS430BA, Tensile speed : 300mm/min, Peeling angle:180°)

SPV-C-100/C-200/C-300/C-400/C-500 (Adherend: SUS430BA, Tensile speed : 300mm/min, Peeling angle:90°)

*3:Tensile speed 300mm/min, strength and elongation when breaking

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Precautions

- Duly inspect the adaptability of this product to your intended use, prior to its application.
We may conduct the adaptability test in your favor. However, its content and results do not guarantee your use. It is of your responsibility to ultimately determine its adaptability.
- The characteristics and performance of this product depends on the type of adherend, environment of use, and conditions/period after application. Always test (including the appearance) before changing the adherend (composition/surface roughness), conditions or use.
- When the product is applied to PVC adherends with plasticizer or surface-active adherends (electrolyzed, chemically treated, polished, etc.), it may become difficult to release or may tend to leave deposits, as time passes.
- When applying the product to a display material, test with particular attention on appearance defects. Stain, cloudiness or unevenness may appear on the surface of the display material, depending on its type. Traces of air bubbles may be left if they are trapped during application.
- Aforementioned problems may also arise when the product is stored for a long period of time after application.
- Do not use the product outdoors.
- Remove any grease, moisture or dust on the adherend before application.
- When coating after the surface protective material has been peeled, products should be used upon giving sufficient consideration to surface washing, below-surface processing and sintering conditions and confirming the adhesiveness of the coating.