

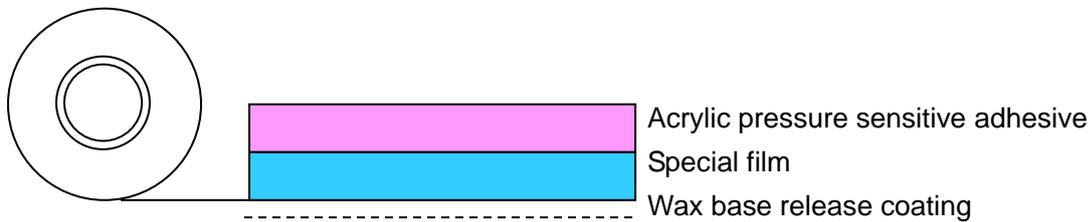
Surface protective materials for metal plates

SPV-AM-500

Outline

SPV-AM-500 is surface protective materials using special film for metal plates processing. This product is suitable for surface protection of metal plates during turret punch press (NCT) and laser cutting process

Construction



Features

- Prevent entrainment of metal chips, which often occurs to thick-type SPVs during turret punch press.
- During incineration, minimal generation of chlorine gas that is like the gas PVC film generates.
- Excellent film strength and bending processability.
- Excellent heat resistance.

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Standard Size ▪ Color

Item	Thickness (mm)	Width (mm)	Length (M)	Color
AM-500	0.050	1020/1250	100/200	Clear

*Contact us for information concerning sizes other than the above.

General properties

Item	Unit	AM-500
Thickness *1	mm	0.050
Adhesive Strength *2	N/20mm	1.50
Unwinding Force *3	N/20mm	0.40
Tensile Strength *4	N/20mm	150
Elongation *4	%	170

Test Method

*1:Nominal thickness

*2:Based on JIS Z-0237

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

*3:Based on JIS Z-0237 (Unwinding force at low speed)

*4:Based on JIS Z-0237

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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 depend 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 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.
- Wipe off 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.

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