



TBP Converting, Inc.
Nitto SPV - CB800K

Surface protective materials

SPV-CB-800K

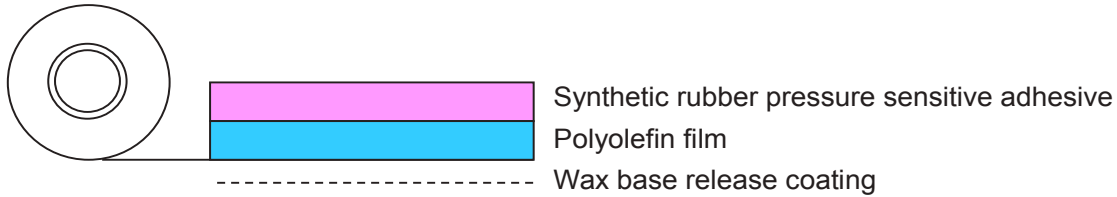
Outline

SPV-CB-800K is Surface protective materials for rough surface painted steel plates and rough surface plastic plates as trim materials of automobile.

This product has high adhesion that leaves minimal adhesive residue.

Moreover, it can be used outside.

Construction



Features

- Excellent adhesion for rough surface.
- Excellent adhesive for olefin resin plates.
- Excellent weatherability, suitable for light processing.
- Keeps the colors and shiny evenly.

Applications

Surface protection for painted plates and resin plates (mainly rough surface plates) during process and transportation.

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Standard Size/Color

| Item | Thickness (mm) | Width (mm) | Length (M) | Color |
|-------------|----------------|------------|------------|-------|
| SPV-CB-800K | 0.065 | 1250 | 100 | White |

*Contact us for information concerning sizes.

General properties

| Item | Unit | OLD | NEW |
|---------------------|--------|-------|-------|
| Thickness *1 | mm | 0.065 | 0.065 |
| Adhesion*2 | N/20mm | 11.5 | 11.9 |
| Tensile Strength *3 | N/25mm | 52 | 57 |
| Elongation *3 | % | 640 | 580 |

*1: Nominal thickness

*2: Adherend SUS430BA, Pass over the test piece twice, once in each direction with a 2kg roller
Tensile speed 300mm/min, Peeling angle 180 deg.

*3: Tensile speed 300mm/min

Adhesion on plate:

JIS-Z-0237,

Tensile speed :0.3m/min

Peeling angle :180degreepeeling at 23degreeC

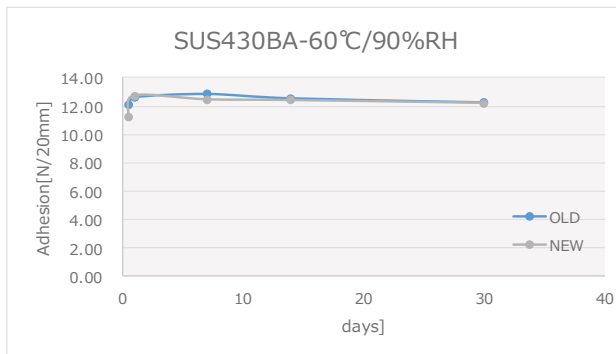
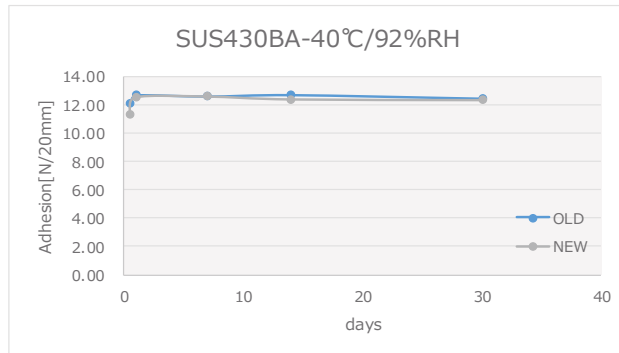
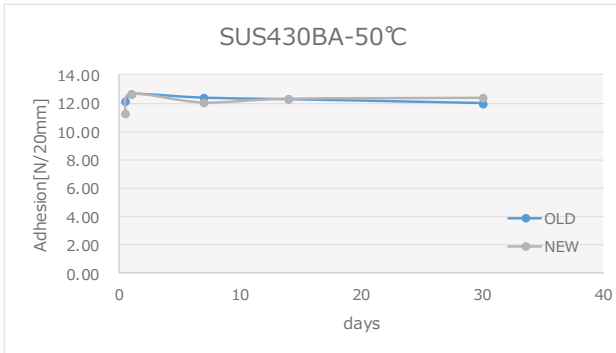
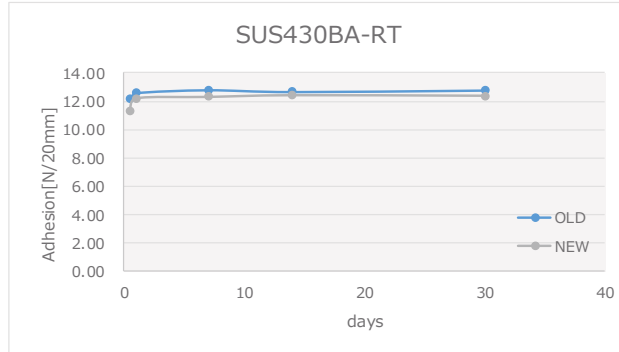
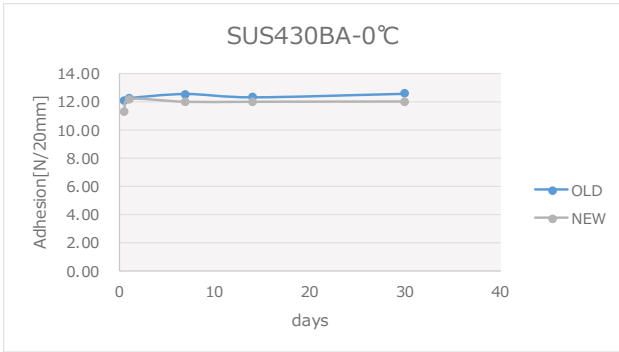
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SUS430BA



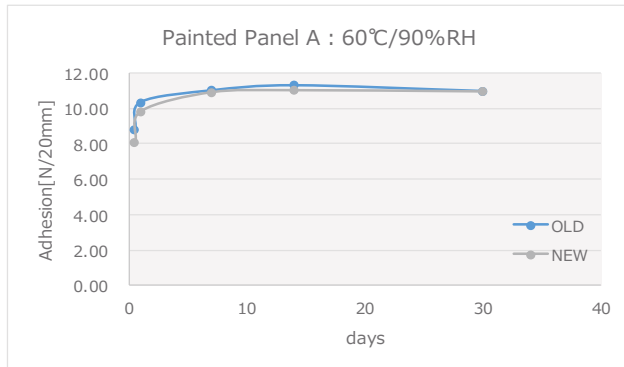
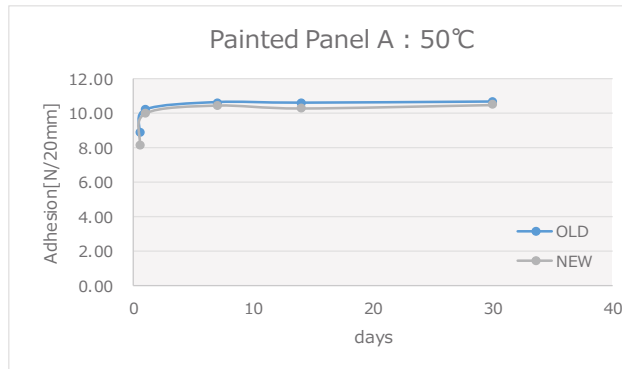
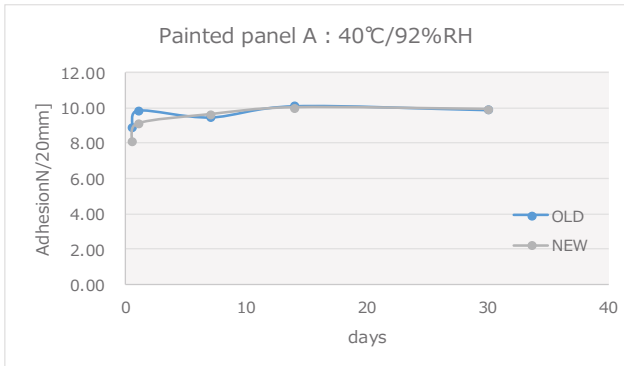
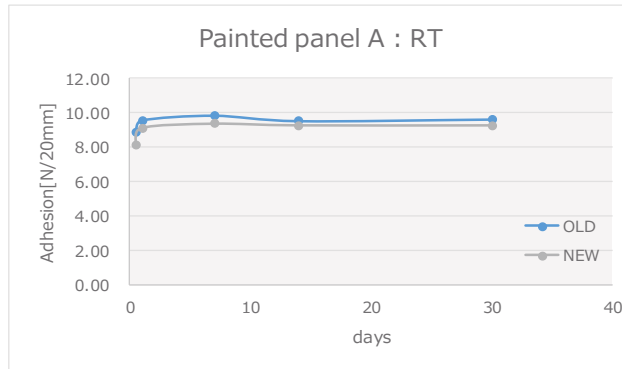
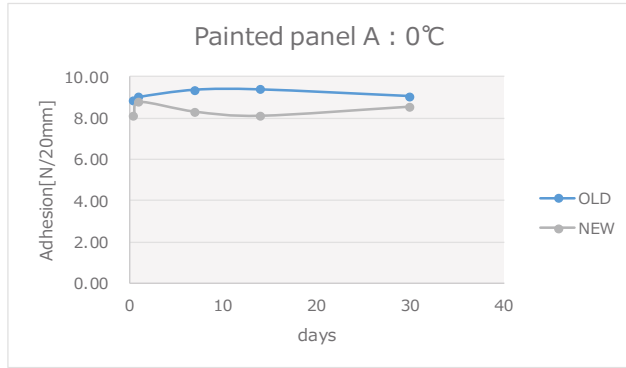
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Painted Panel A



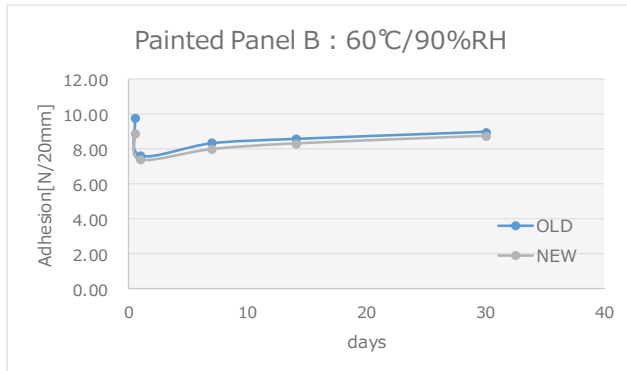
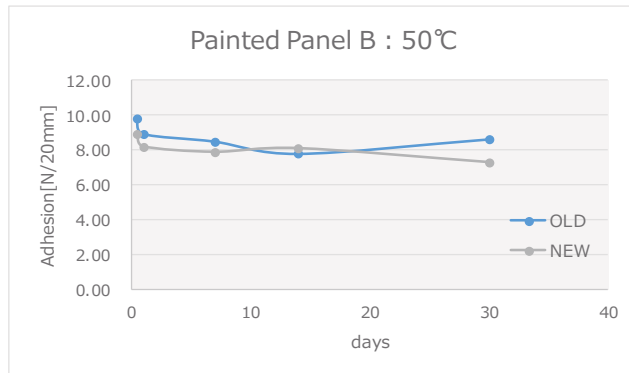
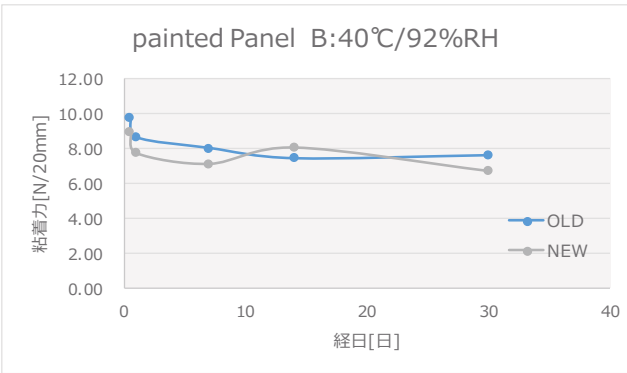
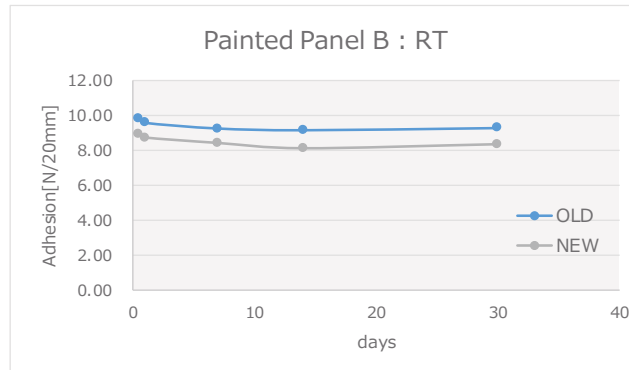
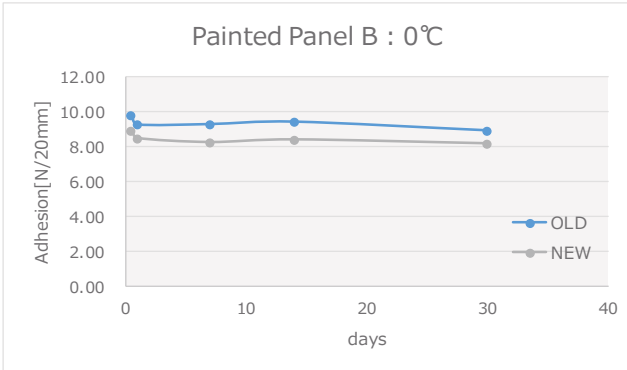
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Painted Panel B



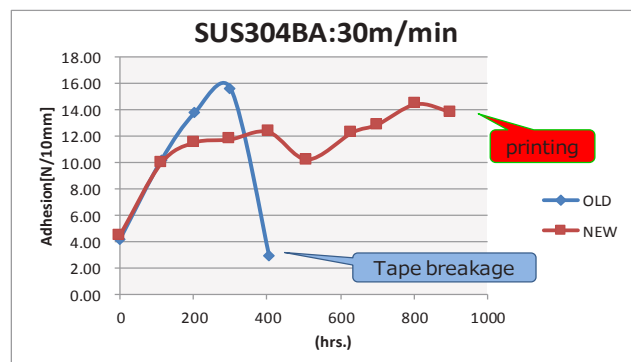
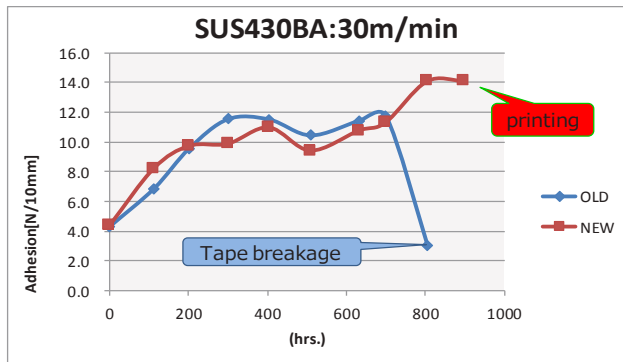
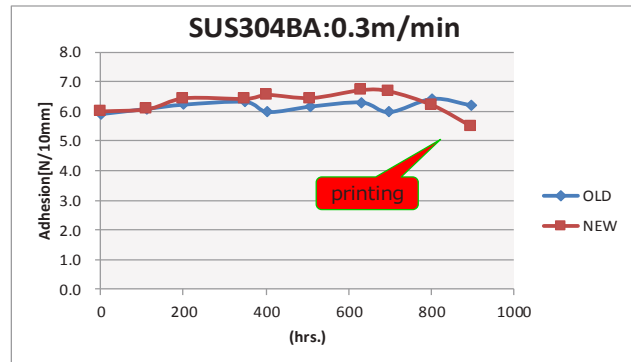
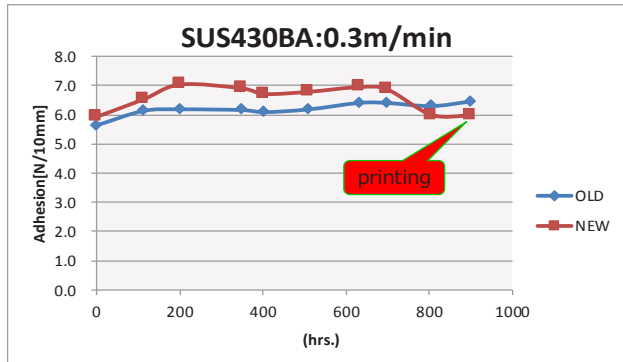
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Weatherability(S.X.W.M.)

Carbon Arc sunshine weather meter:75W/m²(300-400nm) rain:12/60(min)

SUS430BA, 0.3m/min,180degree peeling

1000hrs. is equivalent to 1yesr exposure at Tokyo, Japan.



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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.
- Aforementioned problems may also arise when the product is used outdoors for a long period of time. Fully check before use.
- 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.

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