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**monicas<sup>®</sup>**  
**FTN-301AX2**

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## monicas<sup>®</sup> FTN-301AX2

Yokohama Kobunshi Kenkyujo Co.,Ltd.

**monicas<sup>®</sup> FTN-301AX2** has a Fluoroelastomer Paint for flow coating, developed for metal gasket coating. Hardener **monicas<sup>®</sup> FTN-300B6** has blended ingredients to assist of adhesion, in case of no use primer, it can get good adhesion.

**monicas<sup>®</sup> FTN-301AX2** is suitable for the requirement of paint from car manufactures, and has actual results of many vehicle types.

And on the process ability, **monicas<sup>®</sup> FTN-301AX2** has good stability of the solution, there are no possibility to cause gelling on the processing.

### Features

Grade name	<b>monicas<sup>®</sup> FTN-301AX2</b>	<b>monicas<sup>®</sup> FTN-300B6</b>
Appearance	Black	Light Red ~ Light Yellow
Specific gravity	1.930±0.050(by Solid)	0.921±0.050
Solid content	30±1%	31±2%
Viscosity	14.0±5 Pa·s	-
Flash point	MIBK	MEK/Methanol
Dilution	Ketones	
Packing & Units	18kg round can	0.9kg square can



## § Bonding property

- Test condition
  - Metal SUS301H
  - Remove soils such as greases and oils by Trichlene
  - Mixing ratio of Paint/Hardener **FTN-301AX2/FTN-300B6=100/5**(by wt)
  - Coating method Flow coating
  - Thickness of coating film 20μm
  - Drying condition 1 min. at 80°C
  - Curing condition 90 min. at 260°C
  - Test method Crosscut method
- Test results
  - Crosscut method no adhesion failure

## § Aging test results

- Test condition
  - Condition of making test piece Same as above
  - Aging condition
    - Heat aging : 500 hours at 200°C
    - Immersion to LLC : 500 hours at 120°C(TOYOTA LLC 50%)
    - Immersion to Engine oil : 500 hours at 150°C(TOYOTA Brand)
- Test results

Aging condition	Test condition	Result
Heat aging	500 hours at 200°C	no adhesion failure
Immersion to LLC	500 hours at 120°C	no adhesion failure
Immersion to Engine oil	500 hours at 150°C	no adhesion failure