

# Product data sheet

**Product:** 4300UP  
MIRO® 3 UV - High Specular

4700/0051/001/08.1

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|                 |              |          |
|-----------------|--------------|----------|
| <b>Alloy</b>    | <sup>1</sup> | Al 99,85 |
| <b>Hardness</b> | <sup>2</sup> | hard     |

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|                        |      |                                     |
|------------------------|------|-------------------------------------|
| Treatment front side   | (S1) | brightened, anodised and PVD-coated |
| Treatment reverse side | (S2) | anodised                            |

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|                        |      |                                         |
|------------------------|------|-----------------------------------------|
| Coating system         | (S1) | PVD - based on Al 99,99                 |
| Iridescence assessment | (S1) | absolutely free of interference colours |

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## Delivery options

|                   |        |                            |
|-------------------|--------|----------------------------|
| in form of        |        | Coil, strip, sheet, blanks |
| Thickness from/to | [inch] | 0.0118 - 0.0315            |
| Width up to       | [inch] | 49.2126                    |

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## Mechanical Properties

|                                    |       |                           |
|------------------------------------|-------|---------------------------|
| Yield strength Rp 0,2              | [ksi] | 20.3 - 26.1               |
| Tensile strength Rm                | [ksi] | 23.2 - 29.0               |
| Elongation A50                     | [%]   | ≥ 2                       |
| Deformation/Bending/Bending radius |       | ≥ 1.5 x gauge of material |

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## Tolerances

|                               |        |                                           |
|-------------------------------|--------|-------------------------------------------|
| Thickness from/to             | [inch] | 0.0118 - 0.0197 ± 0.0016                  |
|                               | [inch] | 0.0201 - 0.0236 ± 0.0020                  |
|                               | [inch] | 0.0240 - 0.0315 ± 0.0024                  |
| Width/Coil up to              | [inch] | + 0.1181 / - 0.0000                       |
| Width Slit Coil               | [inch] | ± 0.0079 standard                         |
| Longitudinal Curvature Length | [inch] | ≤ 0.0394 on a measuring length of 39.3700 |
|                               | [inch] | 0.0000 - 23.6220 + 0.0394 / - 0.0000      |
|                               | [inch] | 23.6221 - 59.0551 + 0.0591 / - 0.0000     |
|                               | [inch] | 59.0552 - 98.4252 + 0.0984 / - 0.0000     |
|                               | [inch] | 98.4253 - 137.7953 + 0.1378 / - 0.0000    |
| Flatness                      | [%]    | 1 % of wavelength, max. 0.3150 [inch]     |
| Transversal Divergency        | [inch] | ≤ 0.0591 (D1-D2)                          |

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## Protective Film

|                           |      |           |
|---------------------------|------|-----------|
| Protective Film Type      | [-]  | PE - Film |
| Protective Film Thickness | [µm] | 50 - 60   |

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<sup>1</sup> based on DIN EN 573-3 resp. rolling mill standard  
<sup>2</sup> based on DIN EN 1495-2 resp. rolling mill standard  
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