



Technical Data

Silos (Coils and Sheets)

Aluminium: EN AW 5754 (AlMg3)

Chemical composition: acc. EN 573 – 3 (1994)

| Si | Fe | Cu | Mn | Mg | Cr | Ni | Zn | Ga | V | Ti | Al |
|------|------|------|------|-----------|------|----|------|----|---|------|------|
| 0.40 | 0.40 | 0.10 | 0.50 | 2.6 – 3.6 | 0.30 | - | 0.20 | - | - | 0.15 | Rest |

| Mechanical properties: | tensile strength(Rm) | yield strength (R _{p0.2}) | elongation(A ₅₀) |
|-------------------------------|----------------------|-------------------------------------|------------------------------|
| | MPa | MPa | % |
| Temper HO / H111 | 190 - 240 | > 80 | > 18 |
| Temper H112 | > 210 | > 140 | > 12 |

Thickness range: 3.0 – 10.5 mm

Thickness tolerance: +/- 0.30 mm for widths up to 2,000 mm
+/- 0.40 mm for widths > 2,000 mm

Width range: 1,000 – 2,600 mm

Width tolerance: Coils: -0 / +5 mm up to 2,000 mm width
-0 / +8 mm for widths > 2,000 mm
Sheets: -0 / +3 mm up to 2,000 mm width
-0 / +5mm for widths > 2,000 mm

Sheet length range: 1,000 – 12,000 mm

Length tolerance sheets: ½ EN 485 – 3

Inner diameter coils: 600mm

Outer diameter coils: 1,800 mm up to 2,100 mm width
1,250 mm for widths > 2,100mm