

Distribution Solutions
WireSolutions



ArcelorMittal

ArcelorMittal Marnaval

Flat wire for wiper arms and flat blades



Plastiflat®
by ArcelorMittal

From the world leader in steel and wire solutions

WireSolutions, a subsidiary of ArcelorMittal, is one of the world's largest wire drawers and offers a diversified portfolio of low and high carbon wires, strands, ropes and corrosion resistant solutions.

WireSolutions' flat and shaped wires are produced by ArcelorMittal Marnaval, located in Eastern France. The Marnaval mill is one of the world's leaders in wire production for wiper arms and flat blades. Always looking for solutions upon customer requests, ArcelorMittal Marnaval has developed Plastiflat®, a new manufacturing process for galvanised polyester coated wire for flat blades.

Wiper arms

Specifications

Technical characteristics

▶ Dimensions	From 7.00 x 2.50 to 14.00 x 4.00 mm
▶ Coating	Uncoated, galvanised or Corzal® (ZnAl)
▶ Tensile strength	740 - 900 MPa 1000 - 1200 MPa

Tolerances

- ▶ On width: ± 0.05 mm
- ▶ On thickness: ± 0.03 mm

Packaging

Coils

▶ Internal diameter	400, 480, 550, 600, 650 mm
▶ External diameter	500 to 1200 mm
▶ Width	200, 250, 300 to 400 mm
▶ Weight	300 to 2400 kg
▶ These characteristics may change according to the section of the wire	

Cut to length bars

▶ Length 100 to 1000 mm	Box pallet or cardboard box of 500 to 1000 kg
▶ Length 1000 to 6100 mm	Bundles of 500 to 1500 kg (plastic wrapping, pallet or wooden blocks, moisture resistant paper)
▶ Tolerance on length	± 5.00 mm





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Plastiflat® flat blades

Specifications

Technical characteristics

▶ Dimensions	From 6.00 x 0.80 to 9.00 x 1.00 mm
▶ Coating	Plastiflat®*
▶ Tensile strength	1500 - 2100 MPa
▶ Colour	Black RAL 9005
▶ PET coating thickness	50 to 100 µm

* Galvanised polyester (galvanised or Corzal® available upon request)

Tolerances

- ▶ On width: ± 0.05 mm
- ▶ On thickness: ± 0.015 mm

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Packaging

Wooden reels

▶ Internal diameter	400 mm
▶ External diameter	750 to 1000 mm
▶ Width	300 mm payload, 340 mm overall load
▶ Weight	200 to 900 kg
▶ Flasks protected with plastic	



Did you know?

Our products can be protected by plastic wrapping, loaded on pallets or wooden blocks and oiled. Packaged in metal containers, these are stackable upon request. All our products are individually identified with labels referring to quality, diameter, cast number, batch number, coil number and coil weight.

ArcelorMittal Marnaval
Everyday, everywhere...
The best flat and shaped products for your applications

Contact us for further details:

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Company certified ISO 9001, ISO 14001 and OHSAS 18001