

Brand Name: ASTRAPRIDE M2 FORTE TABLET

Composition: Glimepiride 2mg+ Metformin Hydrochloride 1000mg.

Dosage Form: Tablet

Category: Oral Antidiabetic – Sulfonylurea + Biguanide Combination

Packaging Type: Blister

Packaging: 10 x 10

Brief Product Introduction:

ASTRAPRIDE M2 FORTE is a powerful oral antidiabetic tablet manufactured by **AstraEureka Pharmaceutical**, a reputed manufacturer of composition, formulated to provide effective glycemic control in patients with type 2 diabetes mellitus. This fixed-dose combination features **Glimepiride**, a third-generation sulfonylurea that stimulates insulin release from pancreatic beta cells, and **Metformin**, a biguanide that improves insulin sensitivity and reduces hepatic glucose output. Together, they offer complementary mechanisms to manage both fasting and postprandial blood glucose levels. ASTRAPRIDE M2 FORTE is indicated when monotherapy is inadequate and is especially useful in overweight or insulin-resistant patients. It helps delay diabetic complications, reduces the need for insulin, and improves patient adherence with a single-tablet regimen.

Composition:

Each uncoated bilayer tablet contains:

- Glimepiride IP.....2 mg
- Metformin Hydrochloride IP.....1000 mg
- Excipients.....q.s.

Key Ingredients:

- **Glimepiride:** Stimulates pancreatic insulin secretion
- **Metformin Hydrochloride:** Enhances insulin sensitivity and suppresses hepatic gluconeogenesis

Key Benefits:

1. Provides dual action for optimal glycemic control
2. Effective in managing both fasting and postprandial blood glucose
3. Reduces insulin resistance and enhances glucose uptake
4. Minimizes risk of hypoglycemia compared to older sulfonylureas
5. Supports weight neutrality or modest weight loss
6. Helps delay or prevent microvascular complications

Indications:

1. Type 2 Diabetes Mellitus in adults
2. When monotherapy with Glimepiride or Metformin is insufficient
3. In insulin-resistant or overweight diabetic patients

Directions for Use:

1. Take the tablet with meals, preferably with breakfast
2. Swallow whole with water
3. Use as directed by the healthcare provider

Dosage and Administration:

1. **Adults:** One tablet once or twice daily, as prescribed by a physician
2. Dosage should be individualized based on blood glucose levels and response
3. Regular monitoring of blood glucose is advised

Safety Information:

1. Not intended for use in type 1 diabetes or diabetic ketoacidosis
2. Avoid alcohol consumption to reduce risk of lactic acidosis
3. Use cautiously in elderly patients and those with renal or hepatic impairment
4. Monitor renal function periodically
5. Keep out of reach of children

Mechanism of Action:

- **Glimepiride** stimulates the pancreatic beta cells to release insulin, thereby lowering blood glucose levels, especially post-meal
- **Metformin** decreases hepatic glucose production, delays intestinal glucose absorption, and increases insulin sensitivity at the cellular level. The combination ensures synergistic control of both fasting and postprandial hyperglycemia

Contraindications:

1. Hypersensitivity to Glimepiride, Metformin, or sulfonylureas.
2. Renal impairment or serum creatinine above permissible limits.
3. Hepatic dysfunction.
4. History of lactic acidosis.
5. Type 1 diabetes mellitus.
6. Pregnancy and lactation (unless advised by a doctor).

Side Effects:

1. Hypoglycemia (less common with this combination).
2. Nausea, vomiting, abdominal discomfort.
3. Metallic taste.
4. Mild gastrointestinal upset.
5. Rare but serious: Lactic acidosis (Metformin-related).

Important Notice:

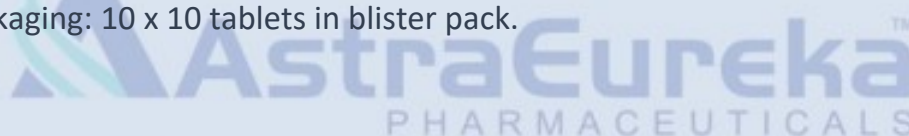
- This is a **prescription-only antidiabetic formulation**.
- It should be used under the strict supervision of a healthcare professional.
- Lifestyle modification and diet control are essential for best results.

Storage Condition:

1. Store in a cool, dry place below 25°C.
2. Protect from light and moisture.
3. Keep the blister pack in the carton after use.

Packing Information:

1. Packaging: 10 x 10 tablets in blister pack.

The logo for AstraEureka Pharmaceuticals features a stylized 'A' composed of three overlapping curved segments in blue, green, and yellow. To the right of the 'A' is the brand name 'AstraEureka' in a bold, sans-serif font, with a small 'TM' trademark symbol. Below the brand name, the word 'PHARMACEUTICALS' is written in a smaller, all-caps, sans-serif font. The entire logo is set against a light blue rectangular background.