

## Description

Heavy Duty ZipRails are used in unpredictable environments. These state-of-the-art plastic zipper solutions are ideal for applications that must hold up in extreme conditions, contain hazardous materials, and withstand frequent abuse.

## Details

| PROPERTIES    | TEST METHOD   | UNITS    | STANDARD | MEASURE |
|---------------|---|----------|----------|---------|
| DENSITY       | ASTM D792   | gr/cm3   |          | 1.25    |
| HARDNESS      | ASTM D 2240   | SHORE A  |          | 84      |
| TENSILE STG.  | ASTM D 638  | n/mm2    | N/A      | 21      |
| ELONGATION    | ASTM D 638  | %        | N/A      | 300     |
| THERMAL STAB. | 180°C   | minutes  | N/A      | 100     |
| MFI - 190°C   | ASTM D1238  | gr/10min | N/A      | 2       |
| PULL STRENGTH | Ranges from 70-80 lbs.                                      |          |          |         |
| SAMPLE SIZE   | 3 pcs (10 cm each)   Temp: 28° or 82.4° F   Pull Angle: 90° |          |          |         |

## Applications & Usage

ZipRails include both military and civilian applications such as:

- Survivable shelter systems
- Medical containers/transport bags, sterile equipment, body bags
- Dry bags, tents
- Covers/Storage for tanks, trucks, jeeps, equipment
- Heavy duty tarps
- Automotive interiors, seats, armrests, air bags
- Waste containment/landfill liners
- Containers and large flexible packaging for wholesale or big box stores
- Furniture covers to restrict fluid and allergens
- Surgery apparel, bedding covers, collection bags
- Shipping/Storage flexible bulk container



Our technical sales representatives will assist you with your project requirements.  
Give us a call today at **847-439-4565** for a quote!

