



# SHEET & PROFILE SYSTEMS

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Industrial Sheet / Commercial Sheets / Sheet Profile & Films / Specialty Sheeting System / Solid Rods & Welding Rods

# UHMW-PE

## RIGID SHEET



Impact Strength



Weather Resistant



Low Friction



Machinability



Chemical Resistance



Wide Temperature Range



Good Abrasion Resistant



Low Water Absorption



Odorless

Nova Strong is made from UHMW-PE Granules, a subset of the polyethylene. It has extremely long chains, with molecular weight numbering in the millions, usually between 2 and 6 million, strengthening intermolecular interactions resulting in highest impact strength than any thermoplastic, very low coefficient of friction, self-lubricating, and is highly resistant to abrasion (15 times more resistant to abrasion than carbon steel). Its coefficient of friction is significantly lower than that of Polyamide and Acetal, and is comparable to that of PTFE, but UHMWPE has better abrasion resistance than PTFE.

### Standard Sizing

Novalene PE sheets are available in the following and variations:

Thickness (mm)	Width X Length (m)	Packin g
20 - 75	1.23 X 2.15	1 nos
8 - 175	1.23 X 1.99	
6 - 50	1.00 X 2.00	
20 - 100	0.66 X 2.52	

#### Grades

PE 300  
PE 500  
PE 1000

#### Colors

White   
Black   
Custom

### Applications

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### Typical Applications





## Corporate Office

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## Branch Offices :

Vadodara | Ahmedabad | Vapi | Bharuch | Kolkata | Bangalore | Delhi | Chennai | Pune | Hyderabad

## Manufacturing Sites :

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