

# ***PRAGATI ENTERPRISES***

*(YARN MANUFACTURERS, DISTRIBUTORS & TEXTILE CONSULTANTS)*

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**QUALITY IS OUR MOTTO**

## **PRAGATI PRODUCT RANGE**

- 1) PP High Tenacity
- 2) Polyester Industrial Thread
- 3) PP Bag Closing Threads
- 4) High Bulk
- 5) Bonded & Coated Yarns
- 6) Antistatic & Conductive
- 7) Fire Retardant & Cut Resistant Aramid

**PRAGATI**

## PP High Tenacity



### Technical Details

Item Description	Length	Breaking Strength
Denier	M/Kg	Kgf
600	15000	3.3
730	12329	4.0
840	10714	4.6
1000	9000	5.5
1500	6000	8.3
2000	4500	11.0
3000	3000	16.5
4000	2250	22.0

Applications: Mats, Fabrics, Tapes, Braids, & Twines

### Polyester Industrial Thread



### Technical Details

Item Description	Denier	Length m/kg	Breaking Strength kgf
1000X2	2160	4167	13.00
500X3	1620	5556	09.75
1000X3	3240	2778	19.50
2000X3	6480	1389	39.00

## PP Bag Closing Threads



### Technical Details

Item Description	Length	Breaking Strength
Denier	M/Kg	Kgf
600X1X2	6666	6
840X1X2	5000	8
840X3X3	1050	36

### **Application:**

Bag Closing, FIBC, Twines

The above provide an economical product which is chemically resistant and having good breaking strength. Being man-made they possess uniform thickness throughout. They have been imparted with physical characteristics to provide snarling free thread.

## High Bulk

We make high bulk threads which are used in garments and webbings. These are made with utter precision and are available in bleach white, black and other tailor made shades.



## Antistatic & Conductive:



These two properties are required for various filtration, material handling, robotics and space applications .

The base yarns are incorporated with the required properties either by application of a solution or by mixing with another medium. Accordingly we get anti-static or conductive properties of the material.

The denier and the count range of these products is quite large.

## Fire Retardant & Cut Resistant Aramid



In Aramids we have Meta and Para Aramids. These are available in spun, film or multifilament form.

These are of considerable higher tenacities than normal polyesters or nylons. They also have high melting temperature.

Their tenacities many times exceed that of Steel.

Hence they are used in cut resistant gloves, material handling, fire resistant and many other demanding applications.

We are mainly supplying spun thread made out of these. One of the typical product is MA/PA/AS in 95/3/2 percentage available in 2/20 & 2/30's Ne count. Generally spun yarns in 20's or 30's in single or multiple can be provided.

## Bonded & Coated Yarns:



These yarns are required in demanding areas where normal threads or yarns fail. The coating or bonding basically impart another protecting layer and /or added running characteristics to the material.

The field of coating and bonding is quite vast and have large scope for exploitation.

