

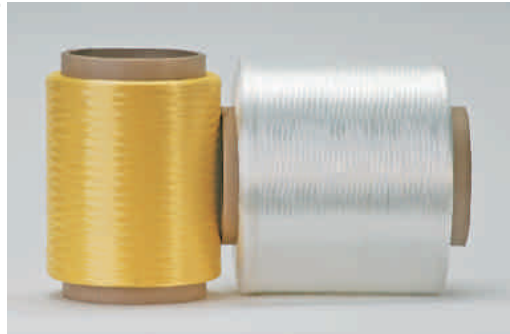
## Binder Yarn

### Product Application

**BINDER YARN** is a Low Shrinkage Polyester Binder yarn coated with non-wicking material, hence preventing capillary effect.

**BINDER YARN** WS is Water Swellable version of binder yarn used to prevent water penetration in the cable. Both are applied contra helically with sufficient tension to secure each buffer tube layer to the central member without crushing the buffer tube. However,

**BINDER YARN** WS offers added protection against water penetration in the cable.



### Product Description

**BINDER YARN** is manufactured using low shrinkage continuous polyester filament yarn of different denier/dtex and is coated with anti wicking material.

**BINDER YARN** WS, is manufactured by applying SAP coating on binder yarn for imparting water swellable properties.

Both Binder Yarns are available in various colors for identification purpose. Binder yarns of long continuous lengths are supplied in a variety of packages.

### Advantages

- **BINDER YARN** with non-wicking properties
- Cost-effective water swellable product especially for dry cables
- Precisely wound packages with variety of packaging options
- Available in various colors for identification purpose
- Environment friendly products.



## Typical Product Characteristics

Physical Properties	Unit	Product ID			Test Method
		IBYLS-1000	IBYLS-1500	IBYLS-2000	
Linear Density	Denier / Dtex	1000/1100	1500/1680	2000/2220	ASTMD-885
Breaking Load	kgs	>7.0	>10.0	>14.0	ASTMD-2256
Shrinkage	%	<2.0% @ 177°C For 15 Minute			ASTMD-2259
Shrinkage	%	<1.5% @ 150°C For 15 Minute			ASTMD-2259
Elongation	%	25% Min	25% Min	25% Min	ASTM D 2256
Nominal Yield	m/Kg	9000	6000	4500	-
Treatment	-	Non-wicking	Non-wicking	Non-wicking	-
Packing	-	Jointless + Knotless continuous length of min 10 kms			

### Additional Characteristics for Water Swelable Binder Yarn

Sweeling Speed	ML/gm/min	>15	ICPL/Y/002
Sweeling Height	ML/gm/5min	>25	ICPL/Y/003

### Typical Packaging

Bobbin Code	90180	94180	107180	116180	126180
Outside Diameter (package OD) mm	230	230	230	230	230s
Inside Diameter (Tube ID) mm	90	94	107	116	126
Traverse (T) mm	150	150	150	150	150
Tube Length (L) mm	180	180	180	180	180
Tube Type (Rhino)	Card Board	Card Board	Card Board	Card Board	Card Board
Package wt, kg	3	3	2.5	2.5	2.5

Note: Other packaging options available on request.

### Registered Office

G-10, Sanskar Apartment,  
Opp. Shakti School  
Times of India Press Road,  
Satellite, Ahmedabad - 15  
Contact Person – Mr. Bharat Sisodiya  
Tel/Fax. : +91(79) 26763689  
(M)09327083575

### Work Station

101-L/1/2, Sector – 1,  
Pithampur – 454775,  
Dist – Dhar (M.P.)  
Contact Person – Mr. K.P. Singh  
Mobile : +919329560954  
E-mail : [kpawpl@gmail.com](mailto:kpawpl@gmail.com)  
[info@adornwirelinks.com](mailto:info@adornwirelinks.com)