



### Introduction

**We are EL SHEHAB MERDYE CO. FOR MERCERIZING AND DYEING YARNS**

ESTABLISHED Date :- 1970 .

Means For more than 43 years, we have experience to provide very good service to the textile industry specially mercerizing and dyeing yarns all over the world

We are pleased to offer best service in mercerizing scale and dyeing yarns then controlling it in rewinding process with high level standard which achieve high quality level to satisfy the customers.

Also we are always ready to cover all our customers' needs from different type of yarns by co-operating with finest Egyptian spinners at very competitive prices and high quality

Our range of cotton dyeing services offers vibrant colors and vivid patterns that are chic and trendy, in line with happening fashion trends. Apart from this, these dyes are also color-fast and are extremely skin friendly.

We have many certificates not only for quality, but safety as well.

- ISO 9001-2008
- OEKO-TEX STANDARD 100
- ISO 18001

### CONTACTS :-

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### **MISSION :**

Quality and customer satisfaction have been our main concern. We always try our best to produce high quality yarn that can address customer needs. Our new machineries have online quality monitoring system so we can always control the quality all along the process flow.

We also train our employee to put quality first. We have good know-how and good trouble-shooting skill about the quality problems. By providing high quality yarn

### **VISION:**

Our key focus will be always on creating a very happy work environment & to delight all the stakeholders of our company and create a strong goodwill in the society.

Quality is on the top position in our priority list and therefore, we strive hard to maintain the highest standards of quality in each of our business operations. We are well versed with the quality. We have the quality testing facilities according to which, our entire work is checked.



### Company Activity

Our company have been specialized in mercerizing and dyeing yarns for more than 43 years according following possibilities

#### **First: Mercerizing process :**

- Our companies' EISHEHAB MERDYE has two fully computerized machines in Egypt
- Brings in to mercerizing machines process new concept of operational
- Flexibility and Repetitiveness improving at the same time the final quality

We are one of the Leading Suppliers of Mercerized and dyed Yarns in EGYPT

### What is mercerizing yarns?

Mercerizing yarns is the process of treatment of cotton yarns with cold caustic under specific conditions to improve its appearance and physical

### Purpose of mercerizing yarns:-

- 1- To improve the lustrous
- 2- To improve the strength
- 3- To improve the dye uptake and moisture regain
- 4- To make the yarns resistant to mildew and reduces lint
- 5- To make the yarns not shrink or lose its shape as much as regular cotton
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Our Company can offer 100% Egyptian cotton Mercerized yarns by co-operation with the finest Egyptian spinning mills to product the required specifications of our customers, as we can provide

- - ( carded , combed or compact )
- - ( knitting, weaving or sewing threads )
- - (Gassed or Non- Gassed )
- - ( raw , off-white , Optical Bleached or dyed )

We can cover all our customers' needs from different count of yarns as we can product yarns from NE 8/2 till NE 120/2 and single also.



### - Second: Dyeing process

We Have Over 43 years of Experience in dyeing yarns. Since 1970. We are one of the leading suppliers of Dyeing services. Our range of dyeing services offers vibrant colors and vivid patterns that are chic and trendy

Our Company can offer 100% Egyptian cotton dyed yarns by co-operation with the finest Egyptian spinning mills to product the required specifications of our customers, as we can provide

- - ( carded , combed or compact )
- - ( knitting, weaving or sewing threads )
- - (Gassed or Non- Gassed )
- - (mercerized or Non-Mercerized )

We can cover all our customers' needs from different count of yarns as we can product yarns from NE 8/2 till NE 120/2 and also single yarn according to our customer's shades

Our company ( EL SHEHAB ) guarantee to its customer the color fastness to washing at more than 80 ° C. for the dyed cotton yarns

We offer high quality 100% Egyptian cotton dyed yarns with eco-friendly dyes and latest techniques, as we working under the supervising of OEKO-TEX STANDARD 100 CERTIFICATE

EL SHEHAB MERDYE COMPANY has different dyeing machines with the following capacities

#### for hank dyeing

- (50- 100 -200-300-400 – 550 - 650 -750) KGs.

#### for cone dyeing

- (50 - 100 – 200 – 400 – 550 – 650 - 750) KGs.



ELSHEHAB MERDYE COMPANY can also provide its customer with the different ideas from (mercerized or Non-Mercerized) printed yarns which can modify a high definition to any design





### CERTIFICATES

El SHEHAB MERDE COMPANY have many certificates not only for quality, but safety as well.

- ISO 9001-2008
- OEKO-TEX STANDARD 100
- ISO 18001





### products :-

100% Egyptian cotton yarns (Extra long stable) Giza (86/88)

- Knitting threads
- Weaving threads
- Sewing threads
- Printed yarns
- Crochet threads

Which can be with the following specifications according to customer's request :-

- ( combed / carded ) gassed threads only mercerized
- ( combed / carded ) gassed threads mercerized and dyed
- Compact gassed threads only mercerized
- Compact gassed threads mercerized and dyed
-



### Weaving threads :-



ELSHEHAB MERDYE COMPANY have pleasure to provide the weaving threads which made from 100% Egyptian cotton (Giza 86 / Giza 88 ) with high quality and appealing shades



Also we can add a luxurious feel and high definition with mercerizing process . as Mercerized cotton is makes it more lustrous, stronger , resistant to mildew and reduces lint and it also not shrink or lose its shape as much as "regular" cotton

By the co-operation with the finest Egyptian spinning mills we can cover all our customers' needs from different counts started from NE 10/2 till 120/2 and also single yarn



### knitting threads :-



ELSHEHAB MERDYE COMPANY have pleasure to provide the **knitting threads** which made from 100% Egyptian cotton (Giza 86 / Giza 88 ) with high quality and appealing shades



Also we can add a luxurious feel and high definition with mercerizing process . as Mercerized cotton is makes it more lustrous, stronger , resistant to mildew and reduces lint and it also not shrink or lose its shape as much as "regular" cotton

By the co-operation with the finest Egyptian spinning mills we can cover all our customers' needs from different counts started from NE 8/2 till 100/2



### printed yarns :-



ELSHEHAB MERDYE COMPANY have pleasure to provide the space dyed threads ( printed yarns ) which from 100% Egyptian cotton (Giza 86 / Giza 88 ) with high quality and appealing shades which can be mercerized or non mercerized

Cotton Space dyeing is a technique used to give the cotton yarns a unique, multi-colored effect. While a typical skein of yarn is the same color throughout, a skein of space dyed cotton yarn is two or more different colors that typically repeat themselves throughout the length of the yarn. Space dyed yarn is sometimes referred to as dip dyed yarn.

Cotton Space dyed yarn can be dyed in either coordinating or contrasting shades. Space dyeing yarn in coordinating colors, such as various neutral tones or assorted shades of blue, provides a subtle yet sophisticated look. Space dyed yarn in contrasting shades, such as yarn that is purple, red, and blue, offers a funkier feel.

Cotton Spaced dyed yarn is most commonly used for knitting and crocheting. When space dyed yarn is made to make a knitted or crocheted item, the resulting project features uneven horizontal stripes that produce a collage-like effect. However, the size of the stripes in the finished piece depends on what size of yarn is used. As you might expect, thicker yarn produces thicker stripes.





### crochet threads :-



ELSHEHAB MERDYE COMPANY have pleasure to provide [the Crochet threads](#) which made from 100% Egyptian cotton (Giza 86 / Giza 88 ) with high quality and appealing shades which can be mercerized or non mercerized

Crochet thread is specially formulated thread usually made from mercerized cotton for crafting decorative crochet items such as doilies or filet crochet. Crochet thread produces fabric of fine gauge that may be stiffened with starch.

Crochet thread is almost always produced from cotton and has a denser pile and smaller diameter than ordinary yarn. Most crochet threads are thicker in diameter than sewing thread. Crochet thread can withstand considerable stresses from pulls with sharp hooks.



Crochet manufacturing conventions treat thread and yarn quite differently: manufacturers designate different sizing scales for thread and yarn. Thread is generally packaged on spools instead of skeins or hanks and is offered for sale in a separate section from ordinary yarns or threads. Crochet hooks for use with thread are also sized according to a different scale from yarn hooks



### sewing threads :-

(100 % Egyptian cotton threads )



ELSHEHAB MERDYE COMPANY have pleasure to provide the [sewing threads](#) which made from 100% Egyptian cotton (Giza 86 / Giza 88 ) with high quality and appealing shades which can be mercerized or non mercerized

The mercerized threads are derived by doubling and spinning of the threads those are spinned from 100% cotton fibers and mercerized.

Very specific finishing lubricants are applied over them. Due to their staple fiber structures, they are less affected from needle heat and show a stable structure at high temperatures.

Despite the fact that their strength and abrasion resistance is somewhat lower relative to synthetic threads, they show a good sewing performance. Through their bright appearance and thread structures, they provide fine, smooth and decorative sewing appearance. They are preferred especially for the stitches

Our 100 % Mercerized Cotton Thread is strong and smooth with a beautiful lustrous finish, which is a result of the Mercerizing process. This process, by giving the thread a smooth finish, also decreases tangles and knots, creates a resistance to mildew, and the extra strength provides fewer breaks in this high-quality thread. This 100% Mercerized Cotton Thread, manufactured by 100% Egyptian cotton very long stable and high quality is ideal for hand or machine sewing, can be used on most fabrics for all tailoring needs or repairs, is shrink-resistant, and easy to dye

We can offer these threads in different ways according to our customer's needs as we can offer :-

#### ***According to the weight of the cones :-***

- Cone's weight (250, 500 , 700, 1000 ) grams
- Or any other weight

#### ***According to the length of the cones :-***

- (2000 , 3000, 5000 ) yards or meter
- Or any other lengths