

WIG Special Yarns(2024)

- **WIG Biodegradable yarns**
- **WIG Anti Counterfeit yarn**
- **WIG Reflective yarns (Emb./Stitching/Weaving)**
- **WIG Ref. Chameleon & Rainbow yarns**
- **WIG Super Glow yarns (7 Luminous colors)**
- **WIG UV Reactive yarns (20 colors)**
- **WIG Thermochromic yarns (16 colors)**
- **WIG Chameleon / Iridescent yarns (17 colors)**
- **WIG Recycled Metallic yarns (60 colors / No Formaldehyde)**
- **WIG Space Dyed yarns (1,000 colors)**

Biodegradable yarn (Hemp & Mulberry)

- ❖ Bio yarns are eco-friendly, lightweight, biodegradable, durable and washable providing comfort in daily life.
- ❖ Code : WKHY / WKMY
- ❖ Size : 75D~300D
- ❖ Application : Knitting & Weaving Only
- ❖ Features:
 - * Anti-microbial * Deodorizing.
 - * Moisture Management * Comfortable



Anti Counterfeit Yarn(ACY)

- ❖ **Product Code : ACY**
- ❖ **Composition : Polyester 100%**
- ❖ **Size : 100D**
- ❖ **Colors : 1 color (From White to Red as pictured)**
- ❖ **Application : Woven label & Weaving for Anti Counterfeit**



3M Reflective Embroidery Yarn

- ❖ **Product code** : WRET 01~30
- ❖ **Composition** : PES 60%+ Glass bead 40%
- ❖ **Size** : Ref. yarn + 70D / 2Ply
- ❖ **Size (New)** : Ref. yarn + 40D / 2Ply (REP 001(W) /002(BLK))
- ❖ **MOQ** : NA
- ❖ **Color** : 30 Colors
- ❖ **Application** : Embroidery



3M Reflective Embroidery Yarn (Color Card)

WRET-01



WRET-02



WRET-03



WRET-04



WRET-05



WRET-06



WRET-07



WRET-08



WRET-09



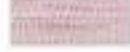
WRET-10



WRET-11



WRET-12



WRET-13



WRET-14



WRET-15



WRET-16



WRET-17



WRET-18



WRET-19



WRET-20



WRET-21



WRET-22



WRET-23



WRET-24



WRET-25



WRET-26



WRET-27



WRET-28



WRET-29



WRET-30



3M *Reflective Stitching/Sewing Yarn*

- ❖ **Product code : WRSY-02/08**
- ❖ **Composition : Nylon + Ref. yarn**
- ❖ **Size(Apparel) : 210D & 300D/2ply + Ref. yarn**
- ❖ **Size(For shoe-New) : 470D/2ply + Ref. yarn**
- ❖ **MOQ : NA**
- ❖ **Color : White & Black**
- ❖ **Application : Stitching & Sewing**



3M Reflective Yarn for Knitting (*Color Card*)

For Woven Label(WRK-01:100D)



- ❖ Product code : WRK 01~20
- ❖ Composition : PES + Ref. yarn
- ❖ Size : 100~820D
- ❖ MOQ : NA
- ❖ Color : 20 colors
- ❖ Application : Knitting & Weaving



3M Reflective Yarn DTY (50 Colors)



Before Light



After Light

3M *Reflective Yarn DTY (50 Colors)*

- ❖ **Product code : WRY-DTY**
- ❖ **Composition : Polyester + Ref. yarn**
- ❖ **Size : 300D + Ref. yarn**
- ❖ **MOQ : NA**
- ❖ **Color : 50 colors**
- ❖ **Application : Weaving**

3M Silver /Color Ref. yarn

- ❖ Product code : WRY(Silver & Colors)
- ❖ Composition : Glass bead 40%+ PET 60%
- ❖ Width : 0.25/0.37/0.50/0.8/1.0/2.0/3.0mm
- ❖ MOQ : 20 CN / Box
- ❖ Color : Silver & 5 colors (Black,Red,Green,Blue,Yellow)
- ❖ Application : Only Woven for textile,string,lace....



3M *Reflective Chameleon & Rainbow Yarn*

- ❖ **Product code : WRCY-01 / WRRY-01**
- ❖ **Composition : Glass bead 40% + PET 60%**
- ❖ **Size : 0.37/0.5/0.8/1.0/2.0mm**
- ❖ **MOQ : 20 cone**
- ❖ **Color : Chameleon(5 colors) & Rainbow(3 colors)**
- ❖ **Application : Woven/Weaving**



UV Reactive Yarn

- ❖ **Product Code: WUVT(01~20)**
- ❖ **Composition : Polyester 100%**
- ❖ **Size : 150D /2 Ply(2,400m/Con)**
- ❖ **Colors : 20 colors**
- ❖ **Application: Emb. / Sewing / Weaving**



Before Sunlight

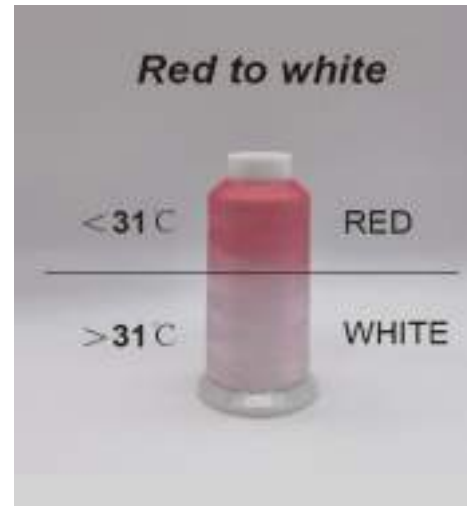


After Sunlight



Thermochromic Yarn

- ❖ **Product Code : WTCY-01~16**
- ❖ **Composition : Polyester 100%**
- ❖ **Size : 2,400m/con (150D/2ply)**
- ❖ **Color : 16 colors(Change with 2 & 3 colors tone as pictured below)**
- ❖ **Application : Embroidery & Weaving**



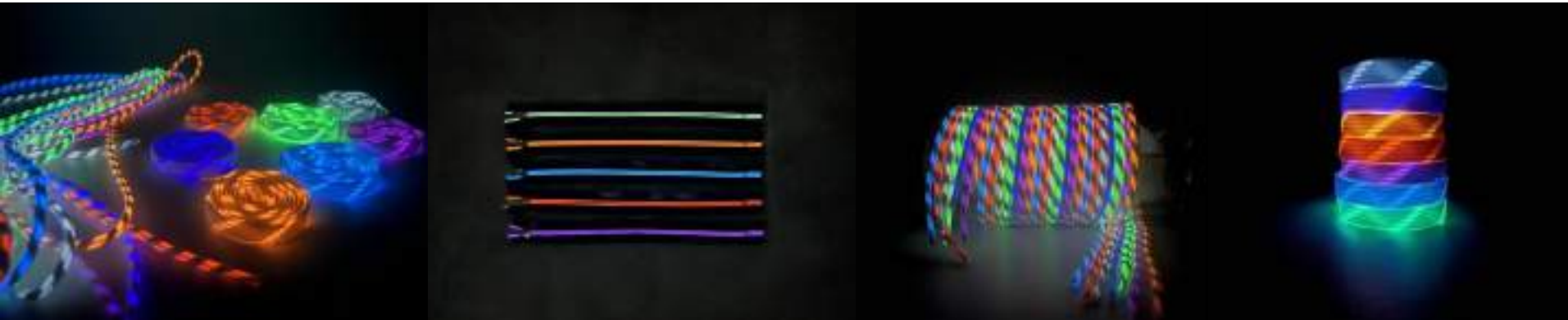
Glow Yarn for Embroidery

- ❖ **Product Code : WGID(01~16)**
- ❖ **Composition : Polyester 100%**
- ❖ **Absorbing time : 1 min (Sunlight)**
- ❖ **Duration time : 10~15 Min.**
- ❖ **Application : Embroidery**



Super Glow Yarn(Emb.)

- ❖ **Product Code : WSGY(Super Glow Yarn)**
- ❖ **Composition : TPE(Thermo Plastic Elastomer) 100%**
- ❖ **Absorbing time : 1 min (Sunlight)**
- ❖ **Duration time : Approx. 30~50 min**
- ❖ **Brightness : 2~3 times than general glow yarn**
- ❖ **Size : 350D**
- ❖ **Application: Embroidery/Weaving**
- ❖ **Color: 40 colors -> Fluorescent Green, Blue, Red**



Super Glow Yarn (Green) Color Card



In daytime



In the dark

Super Glow Yarn (Blue) (Color Card)



Super Glow Yarn (Red) Color Card



Glow Yarn for Weaving



- ❖ **Product Code : WGID(DTY)**
- ❖ **Composition : Polyester 100%**
- ❖ **Absorbing time : 1 min. (Sunlight)**
- ❖ **Duration time : Approx. 10 min.**
- ❖ **Application : Weaving**



Glow Yarn for Weaving



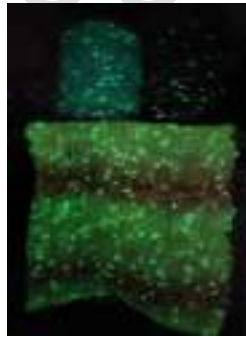
- ❖ **Product Code : WGID(FDY)**
- ❖ **Composition : Polyester 100%**
- ❖ **Absorbing time : 1 min. (Sunlight)**
- ❖ **Duration time : Approx. 10 min.**
- ❖ **Application : Weaving**

Glow Yarn for Weaving (FDY)	
GIDT-FDY-01	GIDT-FDY-11
GIDT-FDY-02	GIDT-FDY-12
GIDT-FDY-03	GIDT-FDY-13
GIDT-FDY-04	GIDT-FDY-14
GIDT-FDY-05	GIDT-FDY-06
GIDT-FDY-06	GIDT-FDY-16
GIDT-FDY-07	
GIDT-FDY-08	<SIZE>
GIDT-FDY-09	150D/36F : 01-16
GIDT-FDY-10	120D/36F : 01-02
	75D/36F : 01-05, 08-10, 13, 14

Comet & Chubby Glow Yarn



- ❖ **Product Code** : WCCY(01~11) – 11 colors
- ❖ **Composition** : Wool 5%+Nylon 5%+Acrylic 32%+58% Polyester
- ❖ **Absorbing time** : 1 min. (Sunlight)
- ❖ **Duration time** : Approx. 10 min.
- ❖ **Application** : Weaving(Knit,Woven,Lace,String...)



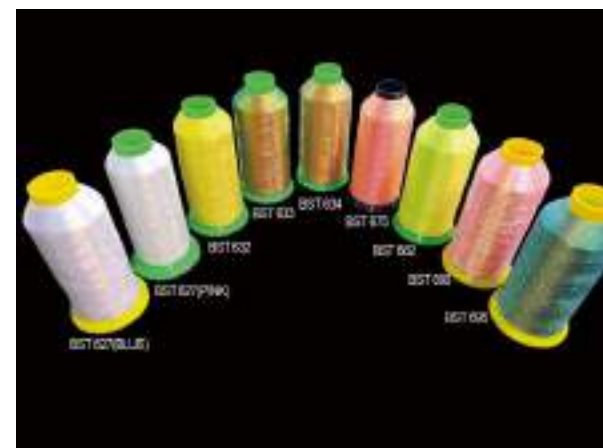
WCCY01 WCCY02 WCCY03 WCCY04 WCCY05 WCCY06 WCCY07 WCCY08 WCCY09 WCCY10 WCCY11



Iridescent Yarn for embroidery



- ❖ **Application : Embroidery & Weaving**
- ❖ **Size : 260,275D X 3,000meters / Kg**
- ❖ **Color : 17 Colors Available**
- ❖ **Composition: 100% Polyester**



Iridescent Yarn for weaving

- ❖ **Product code : WMX 52 (Color shift : Blue, Red, Gold...)**
- ❖ **Size : 180D**
- ❖ **Composition: 100% Polyester**
- ❖ **Application : Woven label & Weaving only**



Iridescent Yarn for weaving

❖ **Product code : WCY (Color shift : Pink, Green Yellow...)**

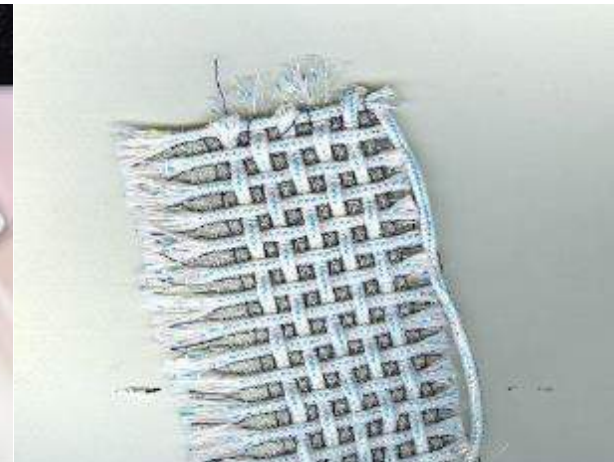
WLY (Color shift : Blue, Red, Gold...)

❖ **Size : 0.25 / 0.38 / 0.76 / 1.0 / 2.0 / 5.0 to 50mm**

❖ **Composition: 100% Polyester**

❖ **Application : Weaving only**

❖ **Eco-Friendly (Recycle)**



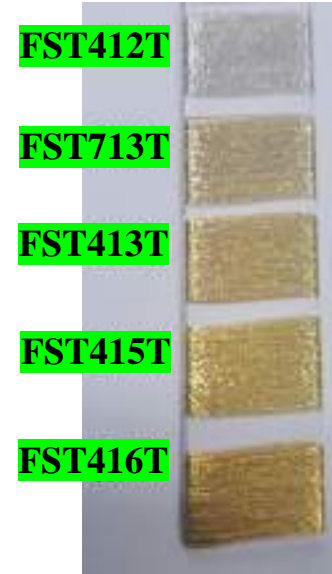
Recycled Metallic Thread(Durable)

- ❖ Code : WMT 01~060
- ❖ Size : 200D x 3,000 meters / cone
- ❖ Color : Total 60 colors
- ❖ Compostion : Recycled Polyester 60% + Polyester 40%
- ❖ Feature : No harmful for skin (**Formaldehyde free**)
- ❖ Application : Embroidery(**Leather**) & Weaving



Thinnest Metallic Thread

- Code : FST 412T, 413T, 415T, 416T, 713T
- Application : Embroidery & Weaving
- Size : 100D X 5,000 meters / cone
- Color – 5 colors (**Real silver vapor coated**)
(Light Silver / Dark Silver / Light Gold / Medium Gold / Dark Gold)
- Special Features
 - Thinnest metallic yarn with high strength developed first in the world
 - Available to hard & thick materials such as Leather & TPU
 - Delicate & detailed embroidery, 3D embroidery





Rainbow Yarn



- ❖ **Application: Embroidery & Weaving**
- ❖ **Color: From 2 to 5 colors in single thread**
 - Please refer to the our color pallet.
- ❖ **Size : 60's / 3Ply (=270D)**
- ❖ **Composition: 100% Polyester**

