## Tabla para localizar los colores

## Table for finding colour numbers

| Nº Color Colour No. | Columna Scale | Nº Color Colour No. | Columna Scale | Nº Color Colour No. | Columna Scale | Nº Color Colour No. | Columna Scale |
|---|---|---|---|---|---|---|---|
| 000 | 1 | 155 | 1 | 212 | 7 | 300 | 8 |
| 100 | 1 | 156 | 1 | 213 | 7 | 301 | 3 |
| 101 | 5 | 157 | 9 | 214 | 7 | 302 | 4 |
| 102 | 5 | 158 | 9 | 215 | 9 | 304 | 10 |
| 103 | 6 | 159 | 9 | 216 | 3 | 305 | 2 |
| 104 | 7 | 160 | 10 | 218 | 2 | 306 | 9 |
| 106 | 7 | 161 | 8 | 219 | 6 | 311 | 10 |
| 107 | 3 | 162 | 7 | 220 | 5 | 313 | 7 |
| 108 | 2 | 163 | 7 | 221 | 5 | 314 | 6 |
| 109 | 3 | 164 | 3 | 223 | 5 | 315 | 8 |
| 110 | 2 | 165 | 6 | 224 | 10 | 319 | 5 |
| 111 | 1 | 166 | 4 | 225 | 8 | 323 | 8 |
| 112 | 2 | 167 | 6 | 226 | 8 | 325 | 10 |
| 113 | 8 | 168 | 8 | 227 | 8 | 327 | 9 |
| 114 | 6 | 169 | 8 | 228 | 10 | 330 | 8 |
| 115 | 4 | 170 | 10 | 229 | 8 | 332 | 8 |
| 116 | 3 | 171 | 10 | 231 | 8 | 334 | 4 |
| 117 | 2 | 172 | 10 | 232 | 7 | 343 | 5 |
| 118 | 2 | 173 | 3 | 233 | 4 | 346 | 4 |
| 119 | 1 | 174 | 8 | 234 | 5 | 347 | 10 |
| 120 | 7 | 175 | 3 | 235 | 4 | 350 | 6 |
| 121 | 10 | 176 | 8 | 236 | 4 | 351 | 2 |
| 122 | 10 | 178 | 7 | 237 | 7 | 355 | 7 |
| 123 | 1 | 179 | 8 | 238 | 4 | 391 | 5 |
| 124 | 1 | 181 | 8 | 239 | 4 | 443 | 9 |
| 125 | 3 | 182 | 8 | 240 | 3 | 450 | 5 |
| 126 | 5 | 183 | 1 | 242 | 9 | 452 | 1 |
| 127 | 8 | 184 | 8 | 243 | 6 | 455 | 2 |
| 128 | 6 | 185 | 2 | 244 | 10 | 461 | 4 |
| 129 | 6 | 186 | 1 | 245 | 8 | 465 | 10 |
| 130 | 7 | 187 | 6 | 246 | 7 | 480 | 8 |
| 131 | 8 | 188 | 8 | 247 | 8 | 488 | 9 |
| 132 | 8 | 189 | 7 | 248 | 8 | 490 | 7 |
| 133 | 1 | 190 | 8 | 249 | 3 | 491 | 10 |
| 134 | 8 | 191 | 8 | 250 | 8 | 504 | 2 |
| 135 | 3 | 192 | 8 | 251 | 9 | 511 | 8 |
| 136 | 4 | 193 | 4 | 252 | 4 | 513 | 2 |
| 137 | 5 | 194 | 10 | 253 | 10 | 517 | 10 |
| 138 | 5 | 195 | 10 | 254 | 8 | 520 | 2 |
| 139 | 6 | 196 | 10 | 255 | 5 | 526 | 9 |
| 140 | 6 | 197 | 8 | 256 | 2 | 527 | 1 |
| 142 | 5 | 199 | 5 | 257 | 7 | 530 | 10 |
| 143 | 3 | 200 | 3 | 259 | 2 | 531 | 2 |
| 144 | 4 | 202 | 5 | 260 | 8 | 532 | 9 |
| 145 | 3 | 203 | 1 | 261 | 8 | 534 | 8 |
| 146 | 4 | 204 | 7 | 265 | 2 | 539 | 9 |
| 147 | 2 | 205 | 5 | 268 | 1 | 586 | 3 |
| 148 | 2 | 206 | 8 | 272 | 8 | 630 | 10 |
| 150 | 4 | 207 | 1 | 275 | 9 | 674 | 8 |
| 151 | 4 | 208 | 8 | 283 | 6 | 676 | 10 |
| 152 | 4 | 209 | 9 | 292 | 6 | 999 | 1 |
| 153 | 8 | 210 | 8 | 294 | 8 | | |
| 154 | 1 | 211 | 7 | 295 | 7 | | |

## Una gama sin límites

Además de los colores y formatos que se detallan en esta carta, podemos servir muestras sobre pedido.
Consúltenos para más detalles.

## An unlimited range

In addition to the colours and formats detailed on this shadecard we can offer others on request.
Please ask us for more details.

**Importante**
Si desea someter estos hilos a procesos de lavado, planchado o bordados tenga en cuenta que en estos procesos se producen altas temperaturas, elevadas presiones y excesos de vapor, por lo que es recomendable que se respetan las instrucciones de lavado y planchado que se indican en esta carta.
En cualquier caso, es altamente recomendable realizar pruebas previas.

**Important**
If you are going to submit these threads to a type of finish after being sewn or embroidered, be careful of the high temperatures, pressures and excessive steam. Therefore you should ensure that the process is made according to the washing and ironing instructions given in this shadecard.
It is always highly recommendable to make previous tests.

**Disponibilidad de colores**
**Colour availability**

PS80/2 disponible en todos los colores.
PS80/2 available in all colours.

- PS50/2
- PS60/3
- PS25/2
- PS25/3
- PT120
- PT75
- PT50
- PT36
- PT25
- PT100/1
- PT150/1
- PT300/1
- PT300/2
- ES80/2

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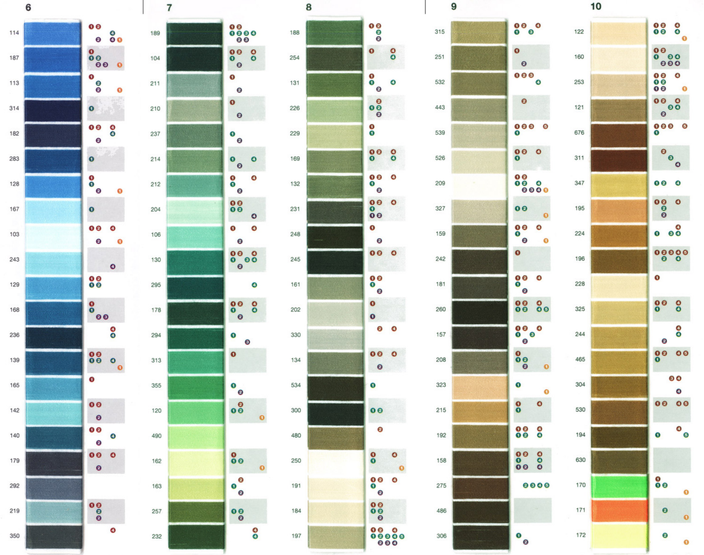


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Muestras de Hilos
Thread Samples

Los grosores y texturas de las muestras de hilo corresponden a los artículos listados a la derecha. Las muestras de color de las demás columnas han sido confeccionadas con el artículo PS80/2, por ser el único disponible en toda la gama.

The thickness and texture of the thread samples correspond to the articles listed on the right. The colour samples in all the other columns have been made with the article PS80/2, since this is the only one available in all the colour range.

| | | |
|---|---|---|
| PS140/2 | Nm 140/2<br>Ne 80/2<br>dTex 140(2)<br>70.000 m/Kg | |
| PS100/2<br>PR150 | Nm 100/2<br>Ne 60/2<br>dTex 200(2)<br>50.000 m/Kg | |
| PS80/2<br>PR120 | Nm 80/2<br>Ne 45/2<br>dTex 250(2)<br>40.000 m/Kg | |
| PS70/2<br>AM40/2 | Nm 70/2<br>Ne 40/2<br>dTex 290(2)<br>35.000 m/Kg | |
| PS50/2<br>PR75<br>AM30/2 | Nm 50/2<br>Ne 30/2<br>dTex 400(2)<br>25.000 m/Kg | |
| PS50/3<br>PR50<br>AM30/3 | Nm 50/3<br>Ne 30/3<br>dTex 600(3)<br>16.700 m/Kg | |
| PS40/3<br>AM24/3 | Nm 40/3<br>Ne 24/3<br>dTex 750(3)<br>13.300 m/Kg | |
| PS25/2<br>PR36 | Nm 25/2<br>Ne 16/2<br>dTex 740(2)<br>12.500 m/Kg | |
| PS25/3<br>PR25 | Nm 25/3<br>Ne 16/3<br>dTex 1.000(3)<br>8.300 m/Kg | |
| PT100/1 | Nm 100/1<br>Ne 60/1<br>dTex 100(1)<br>100.000 m/Kg | |
| PT150/1<br>ES80/2 | Nm 60/1<br>Ne 40/1<br>dTex 150(1)<br>60.000 m/Kg | |
| PT300/1 | Nm 300/1<br>Ne 20/1<br>dTex 300(1)<br>30.000 m/Kg | |
| PT300/2 | Nm 30/2<br>Ne 20/2<br>dTex 600(2)<br>15.000 m/Kg | |

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## Muestrario de colores de PS80/2

Práctico cartonito de 3 hojas/tres contraraído cada uno de los 210 colores actualmente disponibles en PS80/2.
Especialmente diseñado para las confecciones y fabricantes de muestras, que también pueden ser usadas como bordadas, ya que este formato se acomoda perfectamente en las modernas máquinas domésticas de costura y bordado.

## Expositores de hilo

Estos expositores metálicos facilitan la comercialización de los formatos menores, de aproximadamente 50g de hilo.
Especialmente indiados para su ubicación en tiendas o mercerías, cada uno ofrece una gama de 70 colores, la misma que contiene el muestrario correspondiente.
Solicite información a nuestros comerciales sobre las facilidades que podemos ofrecerles para adquirirlos.
Medidas: Ancho: 38 cm / Alto: 183 cm / Fondo: 49 cm

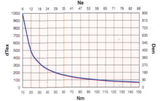
## Thread Displays

These metal displays have been designed to facilitate the commercializing of the smaller bobbins, those containing approximately 50g of thread.
Especially suitable for shop and haberdashery display, each unit offers a range of 70 colours, the same amount available in each shadecard.
Please ask our salesperson for information on how to acquire one of these displays.
Measures: Width: 38 cm / Height: 183 cm / Depth: 49 cm

## Sistemas de Numeración de los hilos
## Thread counting systems

Encuentre en este gráfico la equivalencia entre los sistemas de numeración de hilos más habituales.

Proper equivalence between different thread counting systems can be found in this graph.

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| ISO 4915 DIN 61400 | Tipo de costura Stitch type | Esquema de la costura Seam construction | Aspecto de la costura Appearance of the seam | Ancho Width 1/cm | Consumo de hilo Thread consumption |
|---|---|---|---|---|---|
| 101 | Cadeneta simple Simple chainstitch | | | 2 | 3,80m |
| 103 | Invisible Blind | | | 2 | 4,50m |
| 209 | A mano Handstitch | | | 4 | 1,40m |
| 301 | Pespunte o recta Lockstitch | | | 4 | 1,40m<br>1,40m |
| 304 | Pespunte zigzag Lockstitch zigzag | | | 5mm | 2,65m<br>2,65m |
| 401 | Doble cadeneta Double chainstitch | | | 4 | 1,70m |
| 404 | Doble cadeneta zigzag Double chainstitch zigzag | | | 3mm<br>5 | 2,15m<br>3,95m |
| 406 | Recubrir 2 agujas sin recubrimiento superior Two-needle double chainstitch | | | 5mm<br>4 | 3,40m<br>8,00m |
| 407 | Recubrir 3 agujas sin recubrimiento superior Three-needle double chainstitch | | | 6mm<br>4 | 5,10m<br>13,30m |
| 408 | Doble cadeneta con recubierto de la aguja Double chainstitch with cover thread | | | 6mm<br>4 | 3,40m<br>8,00m<br>7,20m |
| 501 | Sobrehilado a 1 hilo One-needle overedge | | | 7mm<br>4 | 18,40m |
| 502 | Sobrehilado a 2 hilos con unión en el agujero Two-thread overedge stitch interlaced at needle hole | | | 5mm<br>4 | 1,70m<br>10,40m |
| 503 | Sobrehilado a 2 hilos con unión al borde Two-thread overedge stitch interlaced at border | | | 5mm<br>4 | 6,70m<br>5,40m |
| 504 | Sobrehilado a 3 hilos con unión en agujero de aguja Three-thread overedge stitch interlaced at needle hole | | | 5mm<br>4 | 1,70m<br>13,50m |
| 512 | Sobrehilado a 4 hilos con unión en agujero de aguja Four-thread overedge stitch interlaced at needle hole | | | 6mm<br>4 | 3,40m<br>15,60m |
| 514 | Sobrehilado a 4 hilos con unión en el borde Four-thread overedge stitch interlaced at border | | | 6mm<br>4 | 3,40m<br>16,40m |
| 602 | Recubrir a 2 agujas con hilo de recubierto Two-needle double chainstitch with cover thread | | | 5mm<br>4 | 3,40m<br>8,00m<br>7,20m |
| 605 | Recubrir a 3 agujas con hilo de recubierto Three-needle double chainstitch with cover thread | | | 6mm<br>4 | 5,10m<br>13,30m<br>8,00m |
| 607 | Recubrir a 4 agujas con hilo de recubierto Four-needle double chainstitch with cover thread | | | 6mm<br>4 | 6,90m<br>15,00m<br>8,00m |

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