

Overview of embroidery threads

On the following pages you will find an overview with technical details of embroidery threads. The information is based on data from manufacturers or distributors.

Manufacturer/distributor	AMANN	AMANN	AMANN
Product	Isacord 40	Isamet	Isa Texlight 40
Material	Polyester continuous filament, trilobal	Polyester/ Polyamide wrapped yarn	PBT (Polybutylene terephthalate)/ PP (Polypropylene)/ continuous filament
Thread size	27	Isamet 40:27. Isamet 50: 15	30
Available colours	391 solid & 22 multicolours	33	One (champagne)
Appearance	Brilliant	Metallic	Phosphorescent
Application	Brilliant and fashionable embroidery. Universal	Metallic embroidery	Glow-in-the-dark embroidery
Wash resistance	95°C	Gold/Silver/Fashion: 60°C, Colour/New: 30°C	60°C
Tumble dryer resistant	Yes, two points	Yes, one point	Yes, one point
Chlorine resistant	Yes	Yes	No
Recommended embroidery needle	Nm 65-90	Isamet 40: Nm 75-90 Isamet 50: Nm 70-90	Nm 70-80
Certificates	Oekotex 100, class 1, appendix 6 PRO care label for industrial laundry and drying	OEKO-TEX 100, class 1, appendix 6	OEKO-TEX 100, class 1, appendix 6
Available cones	5000 m, 10 x 1000 meter	10 x 1.000 meter, 5.000 meter	10 x 800 meter
Price	*	*	*
Other	Excellent colour fastness and abrasion resistance. Bobbin thread: Isa 150/180 or prewound: Isabob 190	*	*
Website	www.amann.com/products/product/isacord/	www.amann.com/products/product/isamet/	www.amann.com/products/product/isa-textlight/



Überblick über Stickgarne

Dieser Überblick bietet Ihnen auf den folgenden Seiten die technischen Details von Stickgarne. Die Daten basieren auf Informationen von Herstellern oder Vertretern.

Manufacturer/distributor	AMANN	AMANN	Gunold GmbH
Product	Serafil fine 180, 300, 420	N-tech CS 120 and 70	Cotty Bio
Material	Polyester continuous filament	Meta-aramide spun threads	100 % organic cultivated cotton
Thread size	16, 10, 7 (=embroidery ticket 60, 75, 100)	25 and 40 (= embroidery ticket 40 and 30)	Nm 50/2; dtex 200 x 2
Available colours	100	21	10
Appearance	Brilliant and fine	Matt	Matt sheen and soft touch of its silky-soft feel
Application	Filigree embroideries, monograming	Flame-retardant embroideries on heat-protective textiles	Embroidery and decorative seams
Wash resistance	60°C	95°C	95°C
Tumble dryer resistant	Yes, two points	Yes, two points	Yes, two points
Chlorine resistant	Yes	No	Yes
Recommended embroidery needle	Serafil 180: Nm 60-70 Serafil 300: Nm 55-65 Serafil 420: Nm 55	N-tech CS 120: Nm 70-90 N-tech CS 70: Nm 80-100	70 SES; 75 SES
Certificates	PRO care label for industrial laundry and drying; OEKO-TEX 100, class 1, appendix 6	OEKO-TEX 100, class 1, appendix 6. Burning behaviour tested according to DIN EN ISO 15025. PRO care label for industrial laundry and drying	OEKO-TEX Standard 100; product class 1
Available cones	5,000 meter, 10,000 meter	N-tech CS 120: 5000 meter N-tech CS 70: 10x10.000m, 5.000 meter	Cones of 500 meter, one piece available. Cones produced of 100% recycled PET (col. Grey)
Price	*	*	*
Other	*	Self-extinguishing and non-melting. To be used as needle and bobbin thread	Vegan: cultivation, twisting and dying process is GOTS certified
Website	www.amann.com/products/product/serafil-fine/	www.amann.com/products/product/n-tech-cs/	www.gunold.de



Manufacturer/distributor	Madeira Garnfabrik	Madeira Garnfabrik	Madeira Garnfabrik
Product	Royal, Magentic Sided	Burmilon 300 (new) 200, 120	Burmilana 12 and CO
Material	100 % polyester	100 % polyester	Burmilana 12: 50 % wool, 50 % acryl. CO: 50 % cotton, 50 % acryl
Thread size	Royal 150, Magentic Sided: 140	Burmilon 300: 110 Burmilon 200: 150 Burmilon 120: 160	330
Available colours	Two	Two	Burmilana 12: 147. CO: 72
Appearance	Fine continuous yarn with smooth surface	Grip surface, No. 300 super smooth	Matte yarn, slightly shiny, wool texture
Application	Pre-wound bobbin yarn ready as bobbin	Bobbin yarn for self-winding	Handmade, vintage look, chenille embroidery, volume effects, large areas, fashion, Heimtex
Wash resistance	95°C	95°C	40°C
Tumble dryer resistant	Yes	Yes	No
Chlorine resistant	Yes	Yes	No
Recommendet embroidery needle	*	*	100/16
Certificates	Standard 100 by OEKO-Tex Product Class I	Standard 100 by OEKO-TEX Product Class I	Standard 100 by OEKO-TEX CO: Product Class 1
Available cones	7,500 meter	7,500. Burmilon 300: 12,500 meter	1,000 meter
Price (in Euro)	*	*	*
Other	Precision winding for constant lower yarn tension, always the same running length	Economic quality yarn	Especially soft embroidery thread, CO suitable for baby clothing
Website	www.madeira.com	www.madeira.com	www.madeira.com



Manufacturer/distributor	Madeira Garnfabrik	Madeira Garnfabrik	Madeira Garnfabrik
Product	Classic 12, 30, 40, 60	Frosted Matt 30, 40	Polyneon 40, 60, 75
Material	100 % viscose	100 % polyester	100 % polyester
Thread size	Classic 12: 660 Classic 30: 400 Classic 40: 270 Classic 60: 168	Frosted Matt 30: 360 Frosted Matt 40: 180	Polyneon 40: 270 Polyneon 60: 168 Polyneon 75: 110
Available colours	Over 400	200	Over 400
Appearance	Multifaceted, noble luster, soft touch	Matt (non-glossy), intensive color depth with true-color effect	Beautifully shiny, partly multicolor & neon
Application	High quality embroidery in fashion, corporate wear, home textiles, logos and more	Lettering, fashion, promowear, corporate fashion, accessoires, home tex, logos, decorative stitches	Allround quality yarn for any application, workwear, fashion, sports/outdoor, promo and more
Wash resistance	95°C	60°C	95°C
Tumble dryer resistant	Yes	Yes	Yes
Chlorine resistant	No	Yes	Yes
Recommendet embroidery needle	According to yarn count 60/8 - 100/116	Frosted Matt 30:75/11 Frosted Matt 40: 60/8	According to yarn count 75/11 - 60/8 or 55/7
Certificates	Standard 100 by OEKO-TEX Product Class I	Standard 100 by OEKO-TEX Product Class I	Standard 100 by OEKO-TEX Product Class I
Available cones	According to yarn count 25 g, 1,000 - 5,000 meter	1,000, 2,500 meter	According to yarn thickness and color 1,000 - 10,000 meter
Price	*	*	*
Other	Premium embroidery thread, high tensile strength. No tendency to loop, color consistent	High light fastness, high contrast yarn mix, No.40 for sharp contours, No.30 for areas, neon colors	60 and 75 yarns perfect for fine details and lettering, All colors color consistent
Website	www.madeira.com	www.madeira.com	www.madeira.com



Manufacturer/distributor	Madeira Garnfabrik	Madeira Garnfabrik	Madeira Garnfabrik
Product	CR Metallic 20 and 40	Sensa Green, Sensa Bobbin	Polyneon Green
Material	CR Metallic 20: 80% polyester, 20% metallized polyester CR Metallic 40: 68% polyester, 32% metallized polyester	100 % lyocell [TENCEL™]	100% GRS recycled polyester
Thread size (dtex)	CR Metallic 20: 510 CR Metallic 40: 230	Sensa Green: 200 Sensa Bobbin: 148	250
Available colours	42	144	108
Appearance	Intense metallic shine in gold, silver and solid colors, No. 20 textured	Sensationally soft to the touch, silky-matt yarn	Shiny, robust, stable
Application	Fashion, promowear, religious, badges, home textiles, accessories, decorative seams	Eco-fashion, outerwear, sports apparel, undergarments, baby clothing or home decor.	Suitable for all logos and designs digitised for 40 weight threads
Wash resistance	Depending on color 60 or 95°C	60°C	95°C
Tumble dryer resistant	Yes	Yes	Yes
Chlorine resistant	Conditional	No	Yes
Recommended embroidery needle	CR Metallic 20: 90/14, 80/12SAN8; CR Metallic 40: 65/9	65/9 - 75/11	60/8 - 75/11
Certificates	Standard 100 by OEKO-TEX Product Class I	Standard 100 by OEKO-TEX Product Class I	100 % GRS recycled polyester STANDARD 100 by OEKO-TEX
Available cones	CR Metallic 20: 2,000 meter CR Metallic 40: 2,500 meter	5,000 meter	5,000 meter
Price	*	*	*
Other	Extremely light and easy to work with, many yarns washable up to 95°C, suitable for baby clothing	Unique look and long-lasting softness, A completely new premium quality embroidery experience	100% GRS recycled polyester. Free from harmful substances and certified for use on baby items
Website	www.madeira.com	www.madeira.com	www.madeira.com



Manufacturer/distributor	Madeira Garnfabrik
Product	FS 20, 30, 40, 50
Material	Depending on the product metallised polyester with polyimide, polyester, cellulose or viscose
Thread size	FS20: 360 FS 30: 320 FS40: 220 FS 50: 150
Available colours	FS 20: 26 FS 30: 20 FS 40: 21 FS 50: 8
Appearance	Noble true metallic sheen, partially texturised
Application	Everywhere where metallic look is a must have: Fashion, religious, badges, custome and traditionals, accessories, decorative seams
Wash resistance	60°C
Tumble dryer resistant	Yes
Chlorine resistant	Depending on the product
Recommendet embroidery needle	68/9 - 100/16
Certificates	Standard 100 by OEKO-TEX Product Class I
Available cones	Depending on the thread type: 20 g, 100 g, 1,000-5,000
Price	*
Other	FS40 + 50 pure silver coating, FS30 denimwash shades washable up to 95°C available.
Website	www.madeira.com





POLYNEON

green

100% GRS recycled polyester

Recycled - Brilliant - Premium







100% GRS recycled polyester
Certified by ECOCERT Greenlife
Licence number 240979
Learn more at
TextileExchange.org/Standards

Madeira Garnfabrik
Zinkmattenstr. 38
D-79908 Freiburg

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