

MADEIRA

NEW

POLYNEON 40 green

Machine embroidery threads made from
100 % GRS certified recycled polyester



Eco-friendly – Brilliant – Premium

Threads | Stabilisers | Accessories



We reduce plastic bottle waste, the quality remains



Polyneon Green is a **premium embroidery thread** created in response to the global **demand to reduce plastic bottles**. This waste affects the balance of our environment; with Polyneon Green, we are reducing the amount of plastic in the environment and making the **textile industry more sustainable**.

Carefully produced, this new thread possesses the same **high-quality standards** as all other **polyester threads from Madeira**.

So you can **enjoy** creating premium, resistant, and shiny embroideries while reducing the impact on the environment.

Stitch those bottles!

It takes up to **450 years** for a PET bottle to break down but it is **never truly gone**. Yet the amount of such plastic that ends up in landfills and the oceans has increased dramatically over the last 50 years.

Recycling and reusing has grown vital. **Everyone can play their part in the solution** by reducing the plastic containers we use, recycling, and choosing recycled products manufactured from post-consumer waste.

Try Polyneon Green and you will be amazed at just how far we have come in creating **shiny new premium thread** out of **old PET bottles**.



Recycling plain plastic into radiant embroideries

Our Polyneon Green thread is manufactured using recycled transparent bottles made of polyethylene terephthalate (PET). The process gives post-consumer waste a second life in brilliant, shiny colours. By reusing existing materials, no new waste is created, and non-renewable resources are saved.

How do we make it happen?



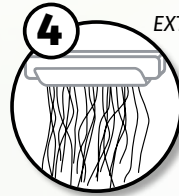
PET RECYCLED BOTTLES



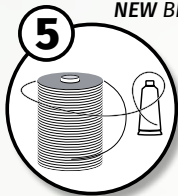
FLAKES



CHIPS



EXTRUSION



NEW BRILLIANT THREAD



VOILA!

HIGH-QUALITY
EMBROIDERY FROM
RECYCLED POLYESTER
THREADS

POLYNEON 40

green



..max. 20g/l active chlorine - max. 30°C - max. 30 min



Art. No. 718
10 x 5,000 m



dtex 135 x 2
den 120 x 2



60/8 - 75/11



108 colours



Stitch density:
approx. 0.4 mm

***Indicative thread tension:**
120 - 130 gf or cN

***Indicative bobbin thread tension:**
25 gf or cN



100% GRS recycled polyester
ECCOCERT Greenlife 240979
Certified organisation
Madeira Garnfabrik Rudolf Schmidt KG
Learn more at
TextileExchange.org/Standards



★
Highlight colour

e.g. 6623
Colour number

e.g. \ 1
Stripe position,
Polyneon Shade
Card No. 83 & 84

**Always test and adjust to machine settings, fabric and design.*

Recycled polyester in genuine Polyneon quality

- new high quality embroidery thread made of recycled plastic
- energy-saving production process
- excellent performance on industrial embroidery machines
- robust, stable, shiny, and resistant to chlorine
- colour consistency
- STANDARD 100 by OEKO-TEX®, Annex 6, product class I
- designed and engineered in Germany

6623 1	6965 2	6952 2	6709 5	6966 6	6742 7
★ 6924 1	6765 2	6981 3	6710 5	6676 6	6934 7
6661 1	6882 2	★ 6784 3	6633 5	6642 6	6829 7
★ 6980 1	★ 6678 2	6816 4	6880 5	★ 6842 6	6733 7
6971 1	6987 2	6815 4	6711 5	★ 6843 6	★ 6675 7
★ 6624 1	6878 2	6984 4	6832 5	★ 6967 6	6953 7
6772 1	★ 6637 2	6921 4	6922 5	6844 6	6593 8
★ 6951 1	★ 6839 2	★ 6990 4	6722 5	★ 6643 6	★ 6977 8
6955 1	6817 2	6635 4	6767 6	6574 6	6797 8

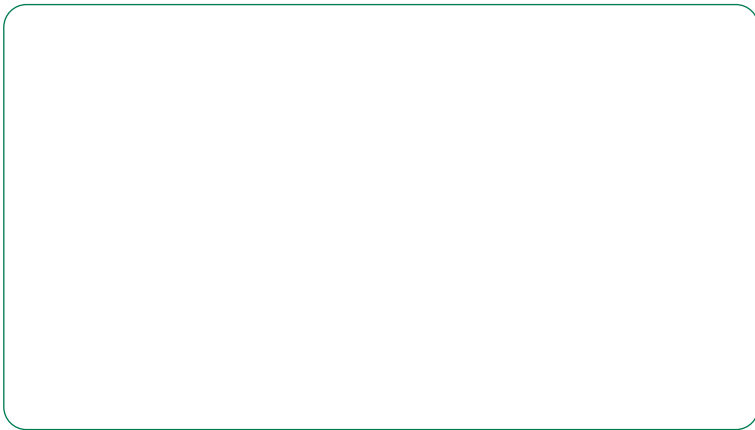
(Digital colours are not an exact match for the colours of the thread. For accuracy, please use the shade card.)

6893 \ 8	★ 6851 \ 10	6657 \ 12	6810 \ 14	★ 6640 \ 15	6589 \ 16
6895 \ 8	6651 \ 10	6659 \ 12	★ 6738 \ 14	6615 \ 15	★ 6800 \ 16
6846 \ 8	6902 \ 10	6938 \ 13	6682 \ 14	★ 6918 \ 15	★ 6805 \ 16
6645 \ 9	6970 \ 10	6728 \ 13	6822 \ 14	6718 \ 15	★ 6801 \ 16
6879 \ 9	6940 \ 10	6884 \ 13	★ 6670 \ 14	6611 \ 15	★ 6802 \ 16
6748 \ 10	6649 \ 10	6949 \ 13	6673 \ 14	6841 \ 15	6803 \ 16
6848 \ 10	6684 \ 11	6739 \ 14	6672 \ 14	6641 \ 15	★ 6823 \ 19
6701 \ 10	6859 \ 12	6741 \ 14	★ 6791 \ 14	6575 \ 16	★ 6950 \ 19
★ 6988 \ 10	6945 \ 12	6812 \ 14	6687 \ 15	★ 6811 \ 16	★ 6946 \ 20

Recycled polyester machine embroidery threads in premium quality

— madeira.com/polyneon-green —

- ✓ order samples
- ✓ check the technical data sheet
- ✓ choose your colours
- ✓ discover inspiration and examples
- ✓ get DST files for testing
- ✓ find your local partners



We look forward to supporting you

MADEIRA



madeira.com