

**ECONYL<sup>®</sup>**  
ENDLESS POSSIBILITIES

**NEW**



**emco promotional and advertising mats LogoMat Business**

**With new yarn and  
ecological benefits**

Designing clean entrances.

**EMCO**

# emco **LogoMat Business**



Ecosystem-damaging nylon waste is collected ...



... so it can be reprocessed into regenerated polymers.



**The result:** a unique new development from the fibre sector for the global preservation of resources.

The ECONYL® Regeneration System project, a highly original industrial research and innovation process that is helping to sustain the environment, was started by the Aquafil Group.

Nylon waste, such as fishing nets that are no longer usable, and carpet and fabric scraps that would otherwise be destined for disposal, is collected and converted into new yarn. ECONYL® regenerated nylon has exactly the same properties as newly made nylon, but with the added bonus of sustainability.

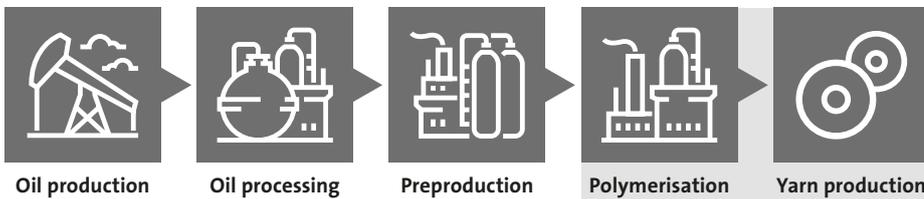
- Waste is not disposed of but used as a recyclable material
- Ideal for limiting waste, effective against climate change
- Reduces the greenhouse effect of nylon by up to 90% compared to material newly made from oil
- Positive energy footprint with regenerated materials
- Lower electricity and water consumption, fewer CO<sub>2</sub> emissions
- Nylon waste is turned into ECONYL® regenerated yarn
- OEKO-TEX-certified yarn

As ECONYL® fibres are regenerated entirely from recycled materials, this removes the need for many of the upstream processes normally required to manufacture a conventional yarn:

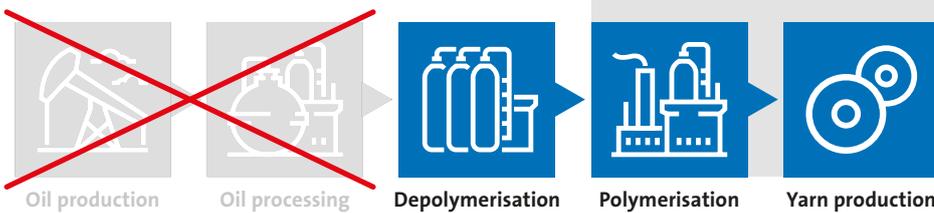
**10,000 tonnes of ECONYL® raw materials**

> **SAVE** 70,000 barrels of crude oil and **AVOID** 65,100 tons of CO<sub>2</sub> emissions

### Production of conventional yarn



### Production of ECONYL® yarn



\* Up to 85% energy saving



## emco **LogoMat** Business



### Benefits for you

- Environmentally friendly yarn production
- Up to 85% energy saving
- Positive energy footprint with regenerated materials
- OEKO-TEX-certified yarn
- High-resolution, elegant print image
- Stronger, richer colours
- Industrial laundering up to 60 °C
- Colourfastness even after several washes
- Easy care
- Custom print designs
- Additional benefit of bespoke mat shapes

### Technical data

- **Pile material:**  
100% polyamide ECONYL® brand-name fibre,  
pile weight approx. 900 g/m<sup>2</sup>
- **Backing material:**  
Nitrile rubber coating,  
thickness approx. 1.4 mm + 1.1 mm reinforced border
- **Total mat height:** approx. 9 - 10 mm
- **Total weight:** 2,700 g/m<sup>2</sup>



year  
guarantee



free from  
PVC

emco Bautechnik GmbH  
Postfach 1860  
D-49803 Lingen (Ems)  
Germany  
Tel. (+49) 591 9140 500  
Fax (+49) 591 9140 852  
bau@emco.de

Your personal contact person can be found at:

[www.emco-bau.com](http://www.emco-bau.com)

A member of the

