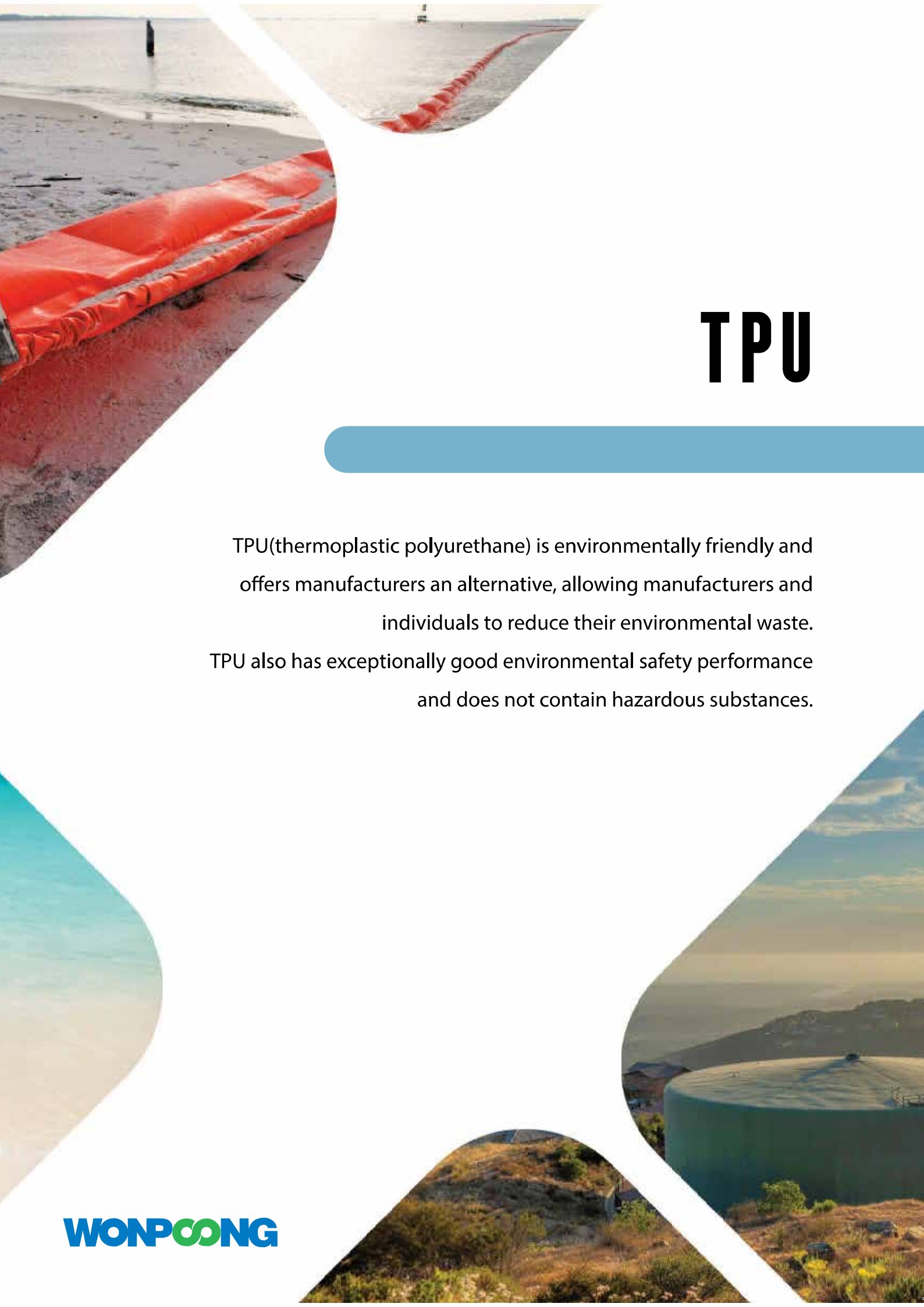


The background features a collage of four images in rounded corners: top-left shows orange oil containment booms on a beach; top-right shows a similar boom in the ocean; bottom-left shows a clear blue sky; bottom-right shows a large green industrial storage tank in a hilly landscape.

TPU

TPU(thermoplastic polyurethane) is environmentally friendly and offers manufacturers an alternative, allowing manufacturers and individuals to reduce their environmental waste. TPU also has exceptionally good environmental safety performance and does not contain hazardous substances.

TPU is often considered a cross between rubber and plastic, as it has characteristics of both raw materials. It has the softness and flexibility of rubber, but the low toxicity of production and high strength of plastic. Because of both its flexibility and durability, TPU has applications in a wide range of industries.



TPU offers outstanding durability. It can withstand abrasion, chemicals, and UV radiation. Its durability extends the life of TPU-based products and therefore reduces waste. TPU can also be formulated to be biocompatible for medical applications.



Features

- Extreme durability
- Higher chemical resistance
- Improved hydrolytic stability
- Greater thermal resistance
- Remarkable abrasion resistance

Applications

- Oil booms (oil fence)
- Hyperbaric oxygen therapy chamber
- Chemical disposal bag
- Inflatable products
- Dock seal



EFU550C

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
550 (16)	0.5 (20)	180/160 (1500/1400)	8.5/7.0 (35/30)	18/21	11.5 (100)

EFU900C

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
900 (26.5)	0.8 (31)	330/300 (2800/2600)	16/13 (70/55)	22/30	11.5 (100)

EFU1300C

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
1300 (38)	1.2 (47)	400/425 (3500/3700)	33/28 (140/120)	20/25	11.5 (100)

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Tensile Structure Fabrics

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