

TECNOTHANE[®] offshore: Outstanding elastomers for long-lasting equipments

In harsh offshore environments, a long way from land, the use of high quality, reliable equipment is essential.

TECNOELASTOMERI
Engineering Urethane Elastomers

HUNTSMAN
Enriching lives through innovation

TECNOTHANE® offshore

Our TECNOTHANE® engineering elastomers for offshore applications are used in situations where deformation and part failure is not an option. Offering very good abrasion resistance, high elasticity and hydrolysis resistance, our TECNOTHANE® elastomers are used on rigs, boats, drilling platforms and in wind power equipments.



Technical properties

Material	Suprasec® 2511	TECNOTHANE® MPT	TECNOTHANE® ETU
Hardness Range	82ShD	70ShA - 75ShD	70ShA - 60ShD
Abrasion Resistance		✓✓	✓✓✓
Tensile Strength	✓✓✓	✓✓	✓✓✓
Elongation	✓	✓✓✓	✓✓✓
Tear Resistance	✓✓✓	✓✓	✓✓✓
Impact Resistance	✓✓✓	✓✓	✓
Bending Strength	✓✓✓		
Hydrolysis Resistance	✓✓✓	✓✓✓	
Application	Bend restrictors, Ballast modules, Buoyancy modules, Tensioner pad	Bend stiffeners, Ballast modules, Diablo rollers	Pigs

Suprasec® 2511 – Durability and toughness

Key benefits: bending strength, yield strength, elongation at high modulus

TECNOTHANE® MPT – robust polyether solution

Key benefits: flex-fatigue strength, high mechanical performance, excellent ageing resistance

TECNOTHANE® ETU – operator friendly polyester solution for mass production of sieving parts

Key benefits: high mechanical resistance, short cycle time, low processing temperatures, no post curing required => up to potential 40% production energy savings

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