

TECNOTHANE[®] mining parts: A rugged solution for outstanding machineries

Robust PU material to sustain the Mining industry
across all its applications: drilling, sieving, excavating,
transporting, protecting and beyond



TECNOELASTOMERI
Engineering Urethane Elastomers

HUNTSMAN
Enriching lives through innovation

TECNOTHANE® mining parts

TECNOTHANE® material have been developed to provide Easy processing, and lately bring the best durability on the field. Reducing maintenance time and breaks of big machineries is the final goal of a good PU solution.



Technical properties

Material	ETU5005G	ETU6012G	MPT115G	MPC2413G
Hardness Range	50ShA - 60ShD	55ShA - 60ShD	70ShA - 60ShD	70ShA - 55ShD
Abrasion Resistance	✓✓	✓✓	✓✓	✓✓✓
Tear Resistance	✓✓	✓✓✓	✓	✓✓
Rebound Resilience	✓	✓	✓✓✓	✓✓
Compression Set	✓	✓	✓✓	✓✓✓
Hydrolysis Resistance			✓✓✓	✓✓
Chemical Resistance			✓✓	✓
Oil Resistance	✓✓	✓✓		✓✓✓
Application	Screen, Conveyor rollers, Pump body, Trommel, Scraper	Screen, Pump body, Flip-Flop screen	Hydrocyclone, Pipe lining, Floatation impeller	Flip-flop screen, Hydrocyclones, Conveyor roller

ETU5005G – productivity focused polyester solution for mass production of sieving parts

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

ETU6012G – high tear resistance polyester based system

Key benefits: short cycle time, superior tear resistance, high abrasion resistance, low processing temperatures

MPT115G – best in class for water and low temperature resistance

Key benefits: high flexibility, excellent water resistance, high tensile strength, low abrasion, high rebound resilience

MPC2413G – All purpose heavy-duty Special polyester

Key benefits: high mechanical resistance, high flexibility, good oil and hydrolysis resistance

FILLED PU – go green by recycle grinded PU parts back into the cycle => up to 30% PU recovery

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