

TECNOTHANE® wheels: Putting resilience to work

Our TECNOTHANE® elastomers
allow the equipments to move
faster and save more energy.

TECNOELASTOMERI
Engineering Urethane Elastomers

HUNTSMAN
Enriching lives through innovation



TECNOTHANE® wheels

TECNOTHANE® elastomers offers the best match between load capacity, energy consumption and durability – making them ideal for the manufacture of best in class wheels and castors



Technical properties

Material	TECNOTHANE® VTER	TECNOTHANE® MPC2010G	TECNOTHANE® MDE535G	TECNOTHANE® WRP1570
Hardness Range	78ShA - 57ShD	75ShA - 95ShA	60ShA - 93ShA	78ShA
Tear Resistance	✓✓	✓✓	✓✓	
Rebound Resilience	✓✓✓	✓✓✓	✓✓	
Compression Set	✓✓✓	✓✓✓	✓✓	
Energy Saving	✓✓✓	✓✓	✓	
Load Capacity	✓✓✓	✓✓	✓✓	
Hydrolysis Resistance	✓✓	✓✓		✓✓✓
Grip Wet Floor				✓✓✓
Application	AGV, AIV, SGV, LGV, Heavy duty, Stacker cranes, Trommels, Rollercoasters, Drive wheels, Elevators	Heavy-duty, Drive wheels, Forklift, Elevators	Drive wheels, Forklift, Elevators	Floor washing machine

VTER – new border for PU wheel in handling solutions

Key benefits: outstandingly low rolling resistance, energy savings in battery driven devices, drive high loads at high speed for long distances

MPC2010G – All purpose heavy-duty Special polyester

Key benefits: low hysteresis, high load capacity

MDE535G – All purpose polyester Elastomer

Key benefits: High mechanical properties

WRP1570 – Wet applications

Key benefits: Anti-slippery on wet floors

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