

# TECNOTHANE® rollers: Materials to make heads turn

Huntsman Tecnoelastomeri materials are suitable for the production of industrial rollers in various application like: lacquering, steel, cardboard, printing, conveying system

**TECNOELASTOMERI**  
Engineering Urethane Elastomers

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## TECNOTHANE® rollers

Make your Industrial roller production benefit from the use of our TECNOTHANE® Elastomer which brings on the table excellent low compression set and grindability. Harsh environment requirements can be matched up with our tailor-made solution for high temperature, solvent and wearing media. With a low compression set and excellent grindability, our TECNOTHANE® Elastomers are ideal for the production of industrial rollers. Specific tailor-made solutions are also available for harsh requirements where high temperature, solvent resistance or superior abrasion resistance features are essential.



## Technical properties

Material	MPC2010G	MDE795Z	SWP4000N	MDE300
Hardness Range	35ShA - 95ShA	20ShA - 95ShA	65ShA - 55ShD	60ShA - 55ShD
Abrasion Resistance	✓✓✓	✓	✓✓	✓
Tear Resistance	✓✓✓	✓✓	✓✓✓	✓✓
Compression Set	✓✓✓			✓
High Temp Resistance	✓✓	✓	✓✓✓	✓
Hydrolysis Resistance	✓✓	✓	✓✓✓	
Chemical Resistance	✓		✓✓✓	
Solvent Resistance		✓✓✓	✓	
Application	Heavy-Duty, Steel, Conveying, Cardboard	Lacquering, Printing, Cardboard	Steel, Heavy-Duty	Conveying

### MPC2010G – Heavy-duty Special polyester

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

### MDE795Z – Solution for Lacquering rollers. Solvent resistant special polyester elastomer

Key benefits: low solvent swelling, good grindability

### SWP4000N – Carbonate-based PU for high temperature solution

Key benefits: excellent water resistance, remarkable acid-base resistance, high tensile and tear strength

### MDE300 – All purpose polyester Elastomer

Key benefits: High mechanical properties

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