

# TECNOTHANE™ industrial: Engineering elastomers with integrity

We offer a range of TECNOTHANE™ engineering elastomers for use in industrial applications - both indoors and outdoors.

**TECNOELASTOMERI**  
Engineering Urethane Elastomers

**HUNTSMAN**  
Enriching lives through innovation

## TECNOTHANE™ industrial

In factories of the future, where automated and robotic equipment is helping to speed up production throughput, our TECNOTHANE™ elastomers can be used in pneumatic, hydraulic and mechanical equipment for conveying, lifting, picking and sorting. In heavy-duty, outdoor industrial equipment, our elastomers are a reliable material for use in cranes, diggers, dumper trucks, access platforms and compaction equipment. They can also be used to create dampening pads, which sit under railway tracks, to reduce noise and vibration.



### Technical properties

TYPICAL PHYSICAL PROPERTIES	UNIT	TEST METHOD	Evocell NST	Evocell TM3	UNIT	TEST METHOD	MDE SERIES 6	MPC
					ShA	DIN 53505	80D	90
					Mpa	DIN 53504	-	5
					Mpa	DIN 53504	-	15
Tensile Strenght	Mpa	ASTM D3574E	3.5	4.5	Mpa	DIN 53504	75	54
Elongation @break	%	ASTM D3574E	350	390	%	DIN 53504	10	600
Tear Resistance without nick	kN/m	ASTM D3574F	10	12	kN/m	ISO 34-1	250	90
					kN/m	ISO 34-1	250	45
Compression Set @70°C/23h	%	ASTM D3574D	2	4	%	ISO 815	-	20
					%	ISO 4662	-	50
					mg	ISO 4649	>100	50
MIN Service Temp	°C	INT.	-45	-40	°C	INT.	-30	-30
Density	g/cm3	ASTM D3574A	0.70	0.70				
Commercial Range	g/cm3	-	0,30 ÷ 1,00	0,30 ÷ 1,00				
Ksta	MPa	INT.	24	21				
Kdyn/Ksta	-	INT.	1.20	1.28				
Thickness Var. (fatigue)	%	INT.	4	6				
Ksta Var. (fatigue)	%	INT.	14	21				

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### About Huntsman:

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