



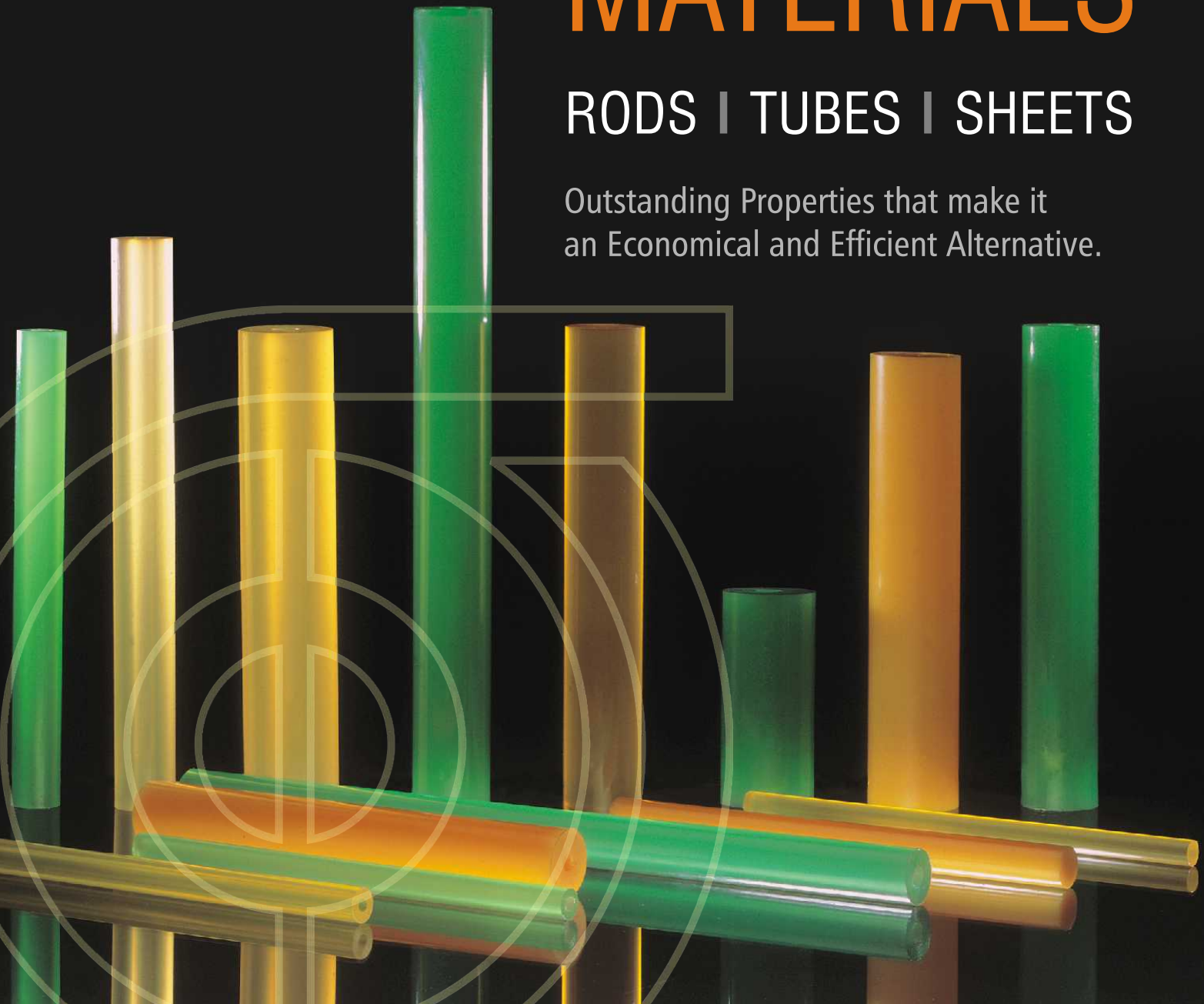
INN@THANE

Innovation in PU technology

STOCK MATERIALS

RODS | TUBES | SHEETS

Outstanding Properties that make it
an Economical and Efficient Alternative.





STOCK MATERIALS

RODS | TUBES | SHEETS

The material of choice for demanding operations and environments.

Manufactured from High Quality Polyurethane Elastomers capable of performance superior to Metals, Plastics and other conventional elastomers.

Outstanding properties combined to ensure outstanding performance :

- Wide Resilience Range
- Highly Resistant to Impact
- High Load Bearing Capacity
- Excellent Tear Strength
- Excellent Abrasion Resistance
- Excellent Dynamic Properties
- Strong Bonding to Metals
- Resistant to Oil, Grease and Lubricants

PHYSICAL PROPERTIES OF 'INNOTHANE'

PROPERTIES	ASTM METHOD	UNITS	GRADE				
			13070	13080	14090	13090	14095
Hardness	D676	Shore A	70	80	88	90	95
Ultimate Tensile Strength	D412	kg / cm ²	390	430	300	530	350
Elongation at Break	D412	%	800	650	450	530	400
Compression Strength at 10%	D576	kg / cm ²	9	13	19	22	28
at 25%	—	—	18	25	40	42	64
Bashore Rebound	D2632	%	42	35	42	27	35
Compression Set at 70° C for 22 hrs.	D395	%	36	27	30	30	27
DIN Abrasion Weight Loss	DIN53516	mg	44	45	40	45	46
Tear Strength	D624	KN / M	62	75	60	70	74

Temperature range > -20° C to 80° C.
Above values are the average values obtained at our laboratory and are to be considered as guideline and not as reference.

Represented by :

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