

# Technical datasheet

## Diepocell<sup>®</sup> MH 30-50

Basic information	Specification
Basic elastomer	PU (foamed)
Fabric ply	without ply
Description/features	Material for vibration dampening with good mechanical properties
Format	<b>Rolls:</b> 0.5 m x 0.25 m 0.6 m x 0.3 m
Colour	creamy white

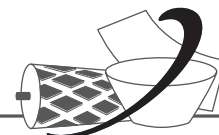
Technical data	Standard term/Specification	Unit	Testing method
Density	0.5	g/cm <sup>3</sup>	DIN EN ISO 1183-1
Shore A	n.a.	°ShA	DIN ISO 7619-1
Tensile strength	5	N/mm <sup>2</sup>	DIN 53504
Elongation at break	550	%	DIN 53504
Abrasion	n.a.	mm <sup>3</sup>	DIN ISO 4649 method A
Tear strength	20	kN/m	DIN ISO 34-1
Impact resilience	50	%	DIN 53512
Compression set	4.5	%	DIN ISO 815-1 (70 h, 22 °C)
	14		DIN ISO 815-1 (24 h, 70 °C)
Medium compressive stress	20 %	0.30	N/mm <sup>2</sup>
	30 %	0.35	
	40 %	0.46	
	50 %	0.72	
	60 %	1.40	
	70 %	3.80	
Temperature range	from - 30 to +80	°C	

Resistance	Standard term/Specification
Oil	⊖
Fuels	⊖
Acids	⊖
Alkaline solution	n.sp.
Weather	n.sp.

Legend
⊕ ⊕ = particularly resistant      ⊖ = not resistant      n.sp. = not specified ⊕ = resistant      n.a. = not applicable

Product-related special properties can be tested in our in-house laboratory. If necessary separate standards and testing standards deviating from DIN may be specified.

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technology