

Polyurethane (PU)

90 Shore A

VRTRADE



MECHANICAL	Standard	Value	
Rubber compound		PU	
Density	DIN 53479	1.20 +/-0.05	g/cm3
Hardness	DIN 53505	90 ⁰ +/-5	Shore A
Tensile strength	DIN 53504	>20	N/mm ²
Elongation at break	DIN 53504	>400	%
Tear resistance	DIN 53507	>75	N/mm
Abrasion	DIN 53516	< 25	mm ³
Compression set after 72h at 20 ⁰ C	DIN ISO 815	20	%
Compression set after 24h at 70 ⁰ C	DIN ISO 815	30	%
Rebound elasticity	DIN 53512	35	%

TEMPERATURE

Working temperature -40⁰ C - +80⁰ C

AGEING

Δ Hardness after %

Δ Tensile strength N/mm

Δ Elongation at break %

OIL RESISTANCE

Oil IRM 901, Δ volume after 72h at 100⁰C %

Oil IRM 903, Δ volume after 72h at 100⁰C %

CHEMICAL RESISTANCE

Diluted acids and bases	Good
Concentrated acids and basis	Medium
Ozone	Very good
Oils and hydrocarbons	Medium

DIMENSIONS

SKU	Thickness (mm)	Width (mm)	Length (m)	Inserts	Execution
VR5802000102	2	2000	1000	0	2 sides smooth
VR5803000103	3	2000	1000	0	2 sides smooth
VR5804000104	4	2000	1000	0	2 sides smooth
VR5805000105	5	2000	1000	0	2 sides smooth
VR5806000106	6	2000	1000	0	2 sides smooth
VR5808000108	8	2000	1000	0	2 sides smooth
VR5810000110	10	2000	1000	0	2 sides smooth
VR5812000112	12	2000	1000	0	2 sides smooth