



MECHANICAL	Standard	Value		Test Method
Rubber compound		EPDM		
Density	DIN 53508	1.25 +/-0.05	g/cm3	ASTM D297
Hardness	DIN 53505	65 ⁰ +/-5	Shore A	ASTM D2240
Tensile strength	DIN 53504	8	MPa	ASTM D412
Elongation at break	DIN 53504	≥ 350	%	ASTM D412
Tear resistance	DIN 53515	22	Kg/cm	ASTM D624
Compression set after 24h at 70 ⁰ C	DIN 53517	40	%	ASTM D395

TEMPERATURE	
Working temperature	-40 ⁰ C - +130 ⁰ C

AGEING (72 hrs. at 70 ⁰ C)		
Δ Hardness	+5	pts
Δ Tensile	+10/-25	%
Δ Elongation at break	+10/-30	%

OIL RESISTANCE		
Astm Oil no.1, Δ volume after 72h at 70 ⁰ C	Not recommended	%
Astm Oil no.2, Δ volume after 72h at 70 ⁰ C	Not recommended	%
Astm Oil no.3, Δ volume after 72h at 70 ⁰ C	Not recommended	%

CHEMICAL RESISTANCE

Diluted acids and bases	Excellent
Concentrated acids and basis	Applicable
Ozone and UV	Excellent
Oils and hydrocarbons*	Not applicable

* not for Bio-fuels, oils and lubricants

DIMENSIONS					
SKU	Thickness (mm)	Width (mm)	Length (m)	Inserts	Execution
VRP5001000140	1	1400	20	0	2 sides smooth
VRP5002000140	2	1400	10	0	2 sides smooth
VRP5003000140	3	1400	10	0	2 sides smooth
VRP5004000140	4	1400	10	0	2 sides smooth
VRP5005000140	5	1400	10	0	2 sides smooth
VRP5006000140	6	1400	10	0	2 sides smooth
VRP5008000140	8	1400	5	0	2 sides smooth
VRP5010000140	10	1400	5	0	2 sides smooth