

VIBRAM COMPOUNDS

Not one compound is suitable for all physical activities. However, these key characteristics are common to most uses:

- **Resistance** to wear, which is defined as abrasion resistance.
- **Softness**, which is defined as hardness. Vibram compounds offer a wide range of hardness levels. All levels have excellent wear resistance.

COMPOUND	SUGGESTED ADHESIVE	HARDNESS (SHORE A)	ABRASION
SBR (359 compd)	Neoprene (All Purpose)	70-80	150 min NBS
Fire & Ice	Urethane + Primer	57-67	120 min NBS
TC4	Neoprene (All Purpose)	55-65	120 min NBS
TC1	Neoprene (All Purpose)	55-65	120 min NBS
Nitrile (329 compd)	Neoprene (All Purpose)	70-80	90 min NBS
SP	Neoprene (All Purpose)	64-70	<140 DIN
SO	Neoprene (All Purpose)	90-94	<180 DIN
MS	Neoprene (All Purpose)	74-80	<130 DIN
Top85	Neoprene (All Purpose)	82-88	<100 DIN
Idrogrip	Urethane + Primer	70-76	<250 DIN
Mont	Neoprene (All Purpose)	75-81	<110 DIN
XS Edge	Urethane + Primer	75-81	<250 DIN
Grip	Urethane + Primer	72-78	<250 DIN
XS Grip	Urethane + Primer	67-73	<230 DIN
Megagrip	Neoprene (All Purpose)	66-72	<150 DIN
Gumlite	Neoprene (All Purpose)	N/A	N/A
Morflex	Neoprene (All Purpose)	N/A	N/A
Newflex	Neoprene (All Purpose)	47-55	<150 DIN
Super Newflex	Neoprene (All Purpose)	26-34	<200 DIN
Vi-Lite	Neoprene (All Purpose)	40	<180 DIN

Disclaimer: These are suggested adhesives, results may differ

VIBRAM COMPOUNDS

Not one compound is suitable for all physical activities. However, these key characteristics are common to most uses:

- **Resistance** to wear, which is defined as abrasion resistance.
- **Lightness**, which is defined as density.
- **Softness**, which is defined as hardness. Vibram compounds offer a wide range of hardness levels. All levels have excellent wear resistance.
- **Elasticity**, which is measured by the percentage of elongation at break. Some Vibram compounds can stretch as much as six times their original length.
- **Tenacity**, which is measured by stress at break.

Foam Compound

	DENSITY	HARDNESS	ABRASION	TEAR RESISTANCE B METHOD	COMPRESSION SET	HYDRO-CARBONS RESISTANCE	ELECTRIC RESISTANCE	ANTI MICROBIC JIS Z 2801:2000	ANTI FUNGAL
	(g/cm ³)	(Sh/A)	(mm ³)	(Kg/cm)	(%)	(%)	(Ohm)	-	-
AIRSOFT	0,64+/-0,05	48+/-4	<200	>30	<30				
CALFLEX 60	0,23+/-0,03	61+/-4	<190	>10	<60				
DIFLEX	0,16+/-0,03	36+/-3			<40				
DIFLEX LIGHT GOLD	0,15+/-0,03	25+/-3						Resistant	Resistant
DIFLEX ULTRA COMFORT	0,09+/-0,03	20+/-3		>6	<40			Resistant	Resistant
GUMLITE	0,55+/-0,05	47+/-3	<180	>10	<25				
MORFLEX	0,30+/-0,04	40+/-5	<200	>15	<25				
NEWFLEX	0,50+/-0,05	51+/-4	<150	>20	<25				
SUPERNEWFLEX	0,30+/-0,05	30+/-4	<200	>15	<25				
VIBRAMFLEX	0,37+/-0,04	63+/-5	<160	>20	<35				
VI-LITE	0,45*	40*	<180						
VI-POD	0,24+/-0,04	21+/-3			<35			Resistant	Resistant
VI-BALANCE	0,4+/-0,03	60+/-3	<80		<20				

Compact Compound

	DENSITY	HARDNESS	ABRASION	LOAD AT BREAK	ELONGATION AT BREAK	TEAR RESISTANCE A METHOD	HYDRO-CARBONS RESISTANCE	ELECTRIC RESISTANCE	RESISTANCE TO HEAT BY CONTACT
	(g/cm ³)	(Sh/A)	(mm ²)	(Mpa)	(%)	(Kg/cm)	(%)	(Ohm)	(/)
ANTISTATICA	1,26+/-0,03	71+/-3	<150	>15	>500	>13	<8	10E5 - 10E9	Resistente
ARCTIC GRIP	1,17+/-0,03	59+/-3	<150	>3	>200				
DUPLA	1,20+/-0,03	93+/-3							
GRIP	1,20+/-0,03	75+/-3	<250	>10	>650	>25			
ICETREK	1,06+/-0,03	53+/-3	<90	>12	>600	>15			
MEGAGRIP	1,15+/-0,03	68+/-3	<130	>11	>500	>25			
MONT	1,15+/-0,03	78+/-3	<110	>15	>550	>17			
MS	1,12+/-0,03	77+/-3	<130	>14	>600	>18			
SB	1,11+/-0,03	60+/-4	<150	>12	>700	>15			
SNOW	1,15+/-0,05	69+/-3	<150	>12	>650	>12			
SO	1,18+/-0,03	92+/-3	<180	>14	>450	>23			
SP	1,14+/-0,03	67+/-3	<140	>13	>550	>15			
SUPER TREK	1,15+/-0,03	70+/-3	<130	>12	>600	>20			
TOP 85	1,15+/-0,03	85+/-3	<100	>16	>450	>12			
TRONT	1,15+/-0,03	71+/-3	<110	>15	>550	>15			
TPU 1	1,20+/-0,03	82+/-3	<50						
TPU 2	1,20+/-0,03	97+/-4	<50						
TC1	1,11+/-0,03	60+/-3	<100	>14	>550				
XS CITY	1,13+/-0,03	60+/-3	<135	>14	>600	>11	<12		
XS EDGE	1,20+/-0,03	78+/-3	<250	>8	>550	>20			
XS FLASH 2	1,20+/-0,03	73+/-3	<192	>10	>600	>20			
XS GRIP	1,20+/-0,03	70+/-3	<230	>10	>650	>25			
XS GRIP 2	1,20+/-0,03	74+/-3	<250	>8	>600	>20			