

V-Series LD is an open-cell viscoelastic polyurethane foam technology developed for a variety of performance applications. V Series LD is offered in a broad range of firmness options at a relatively low density to provide high performance cushioning and impact resistance in both static and dynamic loading conditions. The characteristic low resiliency and slow recovery make V-Series LD ideal for vibration isolation and dampening. In addition, V-Series LD foams offer uniform pressure distribution under load while maintaining very low compression set and breathability for a wide range of padding and comfort applications.

HYPUR-CEL V-SERIES LD TYPICAL PROPERTIES

Physical Property	Method	V0517	V0525	V0533	V0542	V0575
Density (pcf)	ASTM D3574	5	5	5	5	5
IFD 25%	ASTM D3574	17	25	33	42	75
CFD 25% (psi)	ASTM D3574	.3	.45	.59	.71	1.1
Compression Set (50%) (%)	ASTM D1056	1.4	.8	.6	.4	.4
Resilience (%)	ASTM 2632	1	2	3.5	5.5	5.5
Tear Strength (lb./in)	ASTM D624	3.5	4.2	5.6	8	10
Tensile Strength (psi)	ASTM D3574	20	24	35	45	60
Elongation (%)	ASTM D3574	320	270	270	240	190

Product Availability

Standard 60 inch (1.52 meter) wide rolls with capabilities to produce in various widths.
 Available in 50 feet (15.24 meters) and 100 feet (30.48 meters) lengths, skived to custom thicknesses.
 Available with adhesives, laminated fabrics, films, custom coatings or composites.
 Various color options available with the ability to custom color match using our fully reacted colorants.
 Other additives, such as anti-microbial and flame retardants, are available depending on sales opportunity and volume.

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Rubberlite
 Incorporated

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