

# TR1063

## Composite Description

A specially formulated extrusion coated thermoplastic rubber (TPR) surface fused to Volara foam. The standard Volara substrate includes grades that range from 1/32" to 1/4" in thickness. Composites that require a greater foam thickness can be achieved through lamination.

TR1063: 4EO .063" BK w/ 8 mils non-skid thermoplastic rubber

## Embossing Finish

- TR1063: Burlap weave
- Leather grain and pigskin also available

## Product Characteristics

- High frictional/non-skid surface
- High durability
- Chemical and moisture resistant
- Flexible and lightweight
- Abrasion resistant
- Non-marring

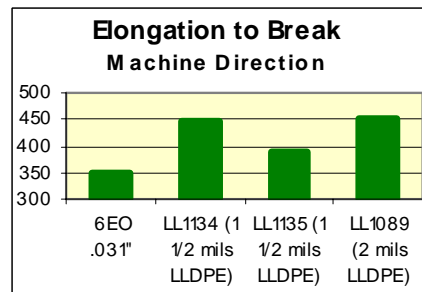
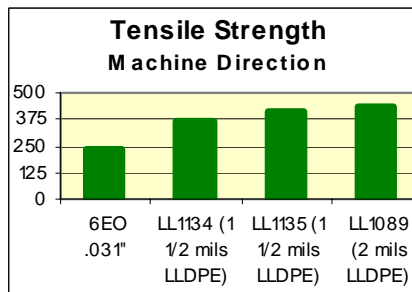
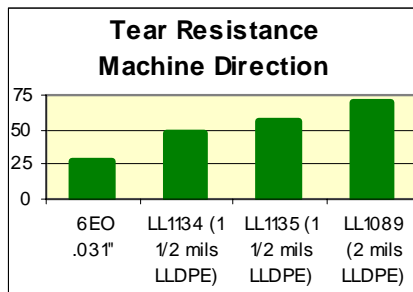
Volextra Type TPR can be thermoformed, die cut, laminated, compression molded, and pressure sensitive adhesive coated.

## Market Applications

- Pressure sensitive adhesive tapes
- Specialty protective packaging
- Pads for office equipment and accessories
- Sports and recreational equipment
- Appliance parts and trim
- Automotive, Marine, Toys, and

## Product Form

- Volextra Type TPR is produced in both roll and sheet form
- Standard width is 60"
- Coating Thickness: 8 mils -16 mils



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## Typical Properties of TR1063

<u>Property</u>	<u>Units</u>	<u>Direction</u>		<u>TR1063</u>
Thickness	inches			.074
Tensile Strength (ASTM D3575)	psi	M		170
		CM		124
Tear Resistance (ASTM D3575)	lbs/inch	M		27
		CM		31
Elongation to Break (ASTM D3575)	%	M		330
		CM		330
Compression Deflection (ASTM D1056)	psi @ 25%	—		4
	psi @ 50%	—		19
Compression Set (ASTM D3575)	% of original thickness	—		22
Thermal Stability	% change			
3 hours @ 180°F		X: -14.5	Y: -5.6	Z: +7.6
3 hours @ 215°F		X: -37.0	Y: -24.2	Z: +94.7
Coefficient of Friction	static		kinetic	
	<u>M</u>	<u>CM</u>	<u>M</u>	<u>CM</u>
	0.85	0.89	0.71	0.76

M: Machine direction  
 CM: Cross-machine direction

- : Indicates shrinkage  
 + : Indicates expansion

This information on Volextra® is presented to our best knowledge. All test data are average values unless stated, and should be considered as guidelines to the performance of this product. This data should not be used as specifications.

Please Note: This material is not recommended for non-skid stairway or flooring purposes.