

**AuroraFlex™ LVP-746LF**

Aurora Material Solutions, LLC - Polyvinyl Chloride

**General Information**
**Product Description**

A 105°C oil and toner resistant PVC based compound.

**General**

Material Status • Commercial: Active

Availability • Africa & Middle East • Europe • North America  
• Asia Pacific • Latin America

Features • Oil Resistant

Uses • Aerospace Applications • Consumer Applications • Furniture  
• Agricultural Applications • Electrical/Electronic Applications • Medical/Healthcare Applications  
• Appliances • Energy Storage • Personal Care  
• Automotive Applications • Film • Sheet  
• Capstock • Footwear

**Properties <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	1.33 to 1.39		ASTM D792
<b>Elastomers</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength	2310	psi	ASTM D412
Tensile Elongation (Break)	250	%	ASTM D412
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Durometer Hardness (Shore A, 15 sec)	89 to 95		ASTM D2240
<b>Aging</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Change in Tensile Strength (277°F, 168 hr)	4.0	%	UL Unspecified
Change in Ultimate Elongation (277°F, 168 hr)	-16	%	UL Unspecified
<b>Flammability</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Oxygen Index	28	%	ASTM D2863

