

**AuroraFlex™ 94-244B**

Aurora Material Solutions, LLC - Polyvinyl Chloride

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

A 105°C rated vinyl elastomer designed for medical wire and cable applications. This product complies with the RoHS Directive.

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Uses	• Medical/Healthcare Applications • Wire & Cable Applications
RoHS Compliance	• RoHS Compliant

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24 to 1.30		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2100	psi	ASTM D412
Tensile Elongation (Break)	360	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	62 to 68		ASTM D2240
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (277°F, 168 hr)	2.0	%	UL Unspecified
Change in Ultimate Elongation (277°F, 168 hr)	-15	%	UL Unspecified

**Processing Information**

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	290 to 330	°F
Cylinder Zone 2 Temp.	290 to 330	°F
Cylinder Zone 3 Temp.	290 to 330	°F
Cylinder Zone 4 Temp.	290 to 330	°F
Cylinder Zone 5 Temp.	290 to 330	°F
Melt Temperature	330 to 350	°F
Die Temperature	340 to 345	°F

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.
