

# Manner Flexible PVC V944

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

Recommended Applications: 105°C Tray Cable Jacket for applications as per UL62,1072,1277 and 1569. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Uses	Cable Jacketing		
	Wire & Cable Applications		
Agency Ratings	UL 1072		
	UL 1277		
	UL 1569		
	UL 62		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36 to 1.40	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	87 to 93		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	18.6	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Aging	Nominal Value	Unit	
Change in Tensile Strength in Air <sup>1</sup> (136°C, 168 hr)	3.0	%	
Change in Ultimate Elongation in Air <sup>2</sup> (136°C, 168 hr)	-7.0	%	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-27.0	°C	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	29	%	ASTM D2863
NOTE			
1.	Air Aged Retention		
2.	Air Aged Retention		

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Recommended distributors for this material

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