

3M Weatherban™ 5354 Sealant Tape

Category : Polymer , Adhesive

Material Notes:

3M™ Weatherban™ Sealant Tape 5354 is a high tack extruded synthetic rubber, non-curing sealant in tape form. It can be used to seal between glass, metal, wood and many plastics. Easy to compress and has exceptional cold flow resistance. Good adhesion to dry surfaces and will stay in place when positioned vertically, overhead or around sharp corners. Low moisture vapor transmission. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Weatherban-5354-Sealant-Tape.php

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in ³	
Solids Content	100 %	100 %	
Water Vapor Transmission	0.390 g/m ² /day	0.0251 g/100 in ² /day	ASTM E96-66

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	60	60	
	62	62	Heat Aging
Shear Strength	0.0483 MPa	7.00 psi	Overlap
	@Temperature 110 °C, Time 605000 sec	@Temperature 230 °F, Time 168 hour	
Shear Strength	0.0717 MPa	10.4 psi	Overlap
	@Temperature 110 °C, Time 605000 sec	@Temperature 230 °F, Time 168 hour	
Shear Strength	0.0752 MPa	10.9 psi	Overlap
	@Temperature 110 °C, Time 605000 sec	@Temperature 230 °F, Time 168 hour	
Shear Strength	0.0820 MPa	11.9 psi	Overlap
	@Temperature 110 °C, Time 605000 sec	@Temperature 230 °F, Time 168 hour	
Shear Strength	0.0896 MPa	13.0 psi	Overlap
	@Temperature 110 °C, Time 605000 sec	@Temperature 230 °F, Time 168 hour	
Shear Strength	0.0483 MPa	7.00 psi	

Mechanical Properties	Metric	English	Overlap Comments
	0.0689 MPa @Time 86400 sec	10.0 psi @Time 24.0 hour	Overlap
	0.0689 MPa @Time 86400 sec	10.0 psi @Time 24.0 hour	Overlap
	0.0724 MPa @Time 86400 sec	10.5 psi @Time 24.0 hour	Overlap
	0.0724 MPa @Time 86400 sec	10.5 psi @Time 24.0 hour	Overlap

Processing Properties	Metric	English	Comments
Shelf Life	15.0 Month	15.0 Month	

Descriptive Properties	Value	Comments
Color	Black	

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