

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/in³	
Solids Content	100 %	100 %	
Water Vapor Transmission	0.390 g/m²/day	0.0251 g/100 in²/day	ASTM E96-66

Hardness, Shore 00 60 62 @Temperature 110 °C, Time 605000 sec 0.0483 MPa 7.00 psi @Temperature 230 °F, Time 168 hour 0.0717 MPa 0.0717 MPa 10.4 psi @Temperature 110 °C, Time 605000 sec 0.0752 MPa 0.0752 MPa 0.0820 MPa 11.9 psi @Temperature 230 °F, Time 168 hour 0.0820 MPa 11.9 psi @Temperature 230 °F, Time 168 hour 0.0820 MPa 11.9 psi @Temperature 230 °F, Time 168 hour 0.0820 MPa 11.9 psi @Temperature 230 °F, Time 168 hour 0.0820 MPa 11.9 psi @Temperature 230 °F, Time 168 hour 0.0820 MPa 11.9 psi @Temperature 230 °F, Time 168 hour 0.0820 MPa 13.0 psi 0verlap Overlap Overlap Time 168 hour 0.0848 MPa 7.00 psi	Mechanical Properties	Metric	English	Comments
@Temperature 110 °C, Time 168 hour 0.0483 MPa 7.00 psi Shear Strength 0.0717 MPa 10.4 psi @Temperature 110 °C, Time 168 hour 0.0717 MPa 10.4 psi @Temperature 230 °F, Time 168 hour 0.0752 MPa 10.9 psi @Temperature 230 °F, Time 168 hour 0.0820 MPa 11.9 psi @Temperature 230 °F, Time 168 hour 0.0820 MPa 11.9 psi @Temperature 230 °F, Time 168 hour 0.0896 MPa 13.0 psi @Temperature 230 °F, Time 168 hour 0.084 MPa 13.0 psi @Temperature 230 °F, Time 168 hour 0.085 MPa 13.0 psi @Temperature 230 °F, Time 168 hour 0.086 MPa 13.0 psi @Temperature 230 °F, Time 168 hour 0.087 MPa 0.0886 MPa 13.0 psi @Temperature 230 °F, Time 168 hour 0.0886 MPa 0.0896 MPa	Hardness, Shore 00	60	60	
© Temperature 110 °C, Time 605000 sec O.0483 MPa 7.00 psi Overlap		62	62	
Shear Strength @Temperature 110 °C, Time 605000 sec 0.0717 MPa 10.4 psi @Temperature 110 °C, Time 168 hour Overlap @Temperature 110 °C, Time 168 hour 0.0752 MPa 10.9 psi @Temperature 110 °C, Time 168 hour Overlap @Temperature 110 °C, Time 168 hour Overlap Overlap Overlap Overlap Time 168 hour Overlap Overlap 11.9 psi @Temperature 230 °F, Time 168 hour Overlap Overlap Overlap Time 605000 sec Time 168 hour Overlap Overlap Overlap Overlap Overlap Time 168 hour Overlap Overlap Overlap Overlap Overlap Overlap Overlap Overlap Overlap Time 168 hour Overlap			@Temperature 230 °F, Time 168 hour	Heat Aging
@Temperature 110 °C, Time 605000 sec Time 168 hour 0.0717 MPa 10.4 psi @Temperature 110 °C, Time 605000 sec Time 168 hour 0.0752 MPa 10.9 psi @Temperature 110 °C, Time 605000 sec Time 168 hour 0.0820 MPa 11.9 psi @Temperature 110 °C, Time 168 hour 0.0820 MPa 11.9 psi @Temperature 110 °C, Time 168 hour 0.0820 MPa 13.0 psi 0.0896 MPa 13.0 psi @Temperature 230 °F, Time 168 hour Overlap Overlap Overlap Overlap Overlap Overlap		0.0483 MPa	7.00 psi	
@Temperature 110 °C, Time 168 hour 0.0752 MPa 10.9 psi @Temperature 230 °F, Time 168 hour Overlap	Shear Strength	@Temperature 110 °C, @Temperature 230 °F,	Overlap	
@Temperature 110 °C, Time 605000 sec 10.9 psi @Temperature 110 °C, Time 168 hour 0.0752 MPa 10.9 psi @Temperature 230 °F, Time 168 hour 0.0820 MPa 11.9 psi @Temperature 110 °C, Time 605000 sec 0.0820 MPa 11.9 psi @Temperature 230 °F, Time 168 hour 0.0896 MPa 13.0 psi @Temperature 110 °C, Time 168 hour 0.0896 MPa 13.0 psi @Temperature 230 °F, Time 168 hour 0.0896 MPa 13.0 psi @Temperature 230 °F, Time 168 hour		0.0717 MPa	10.4 psi	Overlap
@Temperature 110 °C, Time 168 hour 0.0820 MPa 11.9 psi @Temperature 110 °C, Time 605000 sec 0.0896 MPa 13.0 psi @Temperature 110 °C, Time 605000 sec 0.0896 MPa 13.0 psi @Temperature 230 °F, Time 168 hour 0.0896 MPa 13.0 psi @Temperature 230 °F, Time 168 hour			@Temperature 230 °F, Time 168 hour	
@Temperature 110 °C, Time 168 hour 0.0820 MPa 11.9 psi @Temperature 230 °F, Time 168 hour Overlap Overlap 0.0896 MPa 13.0 psi @Temperature 110 °C, Time 605000 sec 0.0896 MPa 0.0896 MPa 13.0 psi @Temperature 230 °F, Time 168 hour Overlap Overlap Time 168 hour		0.0752 MPa	10.9 psi	
@Temperature 110 °C, Time 168 hour 0.0896 MPa 13.0 psi @Temperature 230 °F, Time 168 hour Overlap Overlap Overlap Overlap Overlap Time 605000 sec Time 168 hour				Overlap
@Temperature 110 °C, Time 605000 sec Time 168 hour 0.0896 MPa 13.0 psi @Temperature 110 °C, @Temperature 230 °F, Time 605000 sec Time 168 hour		0.0820 MPa	11.9 psi	
@Temperature 110 °C, @Temperature 230 °F, Time 605000 sec Time 168 hour			@Temperature 230 °F, Time 168 hour	Overlap
@Temperature 110 °C, @Temperature 230 °F, Time 605000 sec Time 168 hour		0.0896 MPa	13.0 psi	Overlap
0.0483 MPa 7.00 psi				
		0.0483 MPa	7.00 psi	



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

Processing Properties	Metric	English	Comments
Shelf Life	15.0 Month	15.0 Month	

Descriptive Properties	Value	Comments
Color	Black	

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