

## 3M Fastbond™ 30H-NF Contact Adhesive

Category : Polymer , Adhesive

### Material Notes:

3M Fastbond™ Contact Adhesive 30-NF and 30H-NF are water-dispersed, sprayable contact adhesives for high immediate bond strength n long bonding range. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Fastbond-30H-NF-Contact-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Fastbond-30H-NF-Contact-Adhesive.php)

Physical Properties	Metric	English	Comments
Solids Content	45 - 50 %	45 - 50 %	
Brookfield Viscosity	5500 - 9500 cP	5500 - 9500 cP	RVF #4 sp @ 20 rpm @ 77°F

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	0.186 MPa	27.0 psi	Flatwise, high pressure laminate/particle board, test speed 0.05 in/min
	@Temperature 93.0 °C	@Temperature 199 °F	
	0.207 MPa	30.0 psi	
	@Temperature 82.0 °C	@Temperature 180 °F	
Shear Strength	0.379 MPa	55.0 psi	Flatwise, high pressure laminate/particle board, test speed 0.05 in/min
	@Temperature 66.0 °C	@Temperature 151 °F	
	0.779 MPa	113 psi	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Shear Strength	0.207 MPa	30.0 psi	Overlap, 1/8" birch 1/8" birch
	@Temperature 93.0 °C	@Temperature 199 °F	
	0.207 MPa	30.0 psi	1/8" Birch/High-Pressure Laminate, no aging
	@Temperature 82.0 °C	@Temperature 180 °F	
Shear Strength	0.276 MPa	40.0 psi	Overlap, 1/8" birch 1/8" birch
	@Temperature 102 °C	@Temperature 216 °F	
	0.345 MPa	50.0 psi	
	@Temperature 82.0 °C	@Temperature 180 °F	
Shear Strength	0.414 MPa	60.0 psi	Overlap, 1/8" birch 1/8" birch
	@Temperature 82.0 °C	@Temperature 180 °F	
	0.517 MPa	75.0 psi	
	@Temperature 82.0 °C	@Temperature 180 °F	
Shear Strength	0.517 MPa	75.0 psi	1/8" Birch/High-Pressure Laminate, aged 6 mo
	@Temperature 82.0 °C	@Temperature 180 °F	

Mechanical Properties	@Temperature 82.0 °C Metric	@Temperature 180 °F English	Comments
	0.552 MPa @Temperature 82.0 °C	80.0 psi @Temperature 180 °F	1/8" Birch/High-Pressure Laminate, aged 3 mo
	0.862 MPa @Temperature 66.0 °C	125 psi @Temperature 151 °F	1/8" Birch/High-Pressure Laminate, aged 9 mo
	0.896 MPa @Temperature 66.0 °C	130 psi @Temperature 151 °F	1/8" Birch/High-Pressure Laminate, no aging
	0.965 MPa @Temperature 66.0 °C	140 psi @Temperature 151 °F	1/8" Birch/High-Pressure Laminate, aged 3 mo
	1.03 MPa @Temperature 66.0 °C	150 psi @Temperature 151 °F	1/8" Birch/High-Pressure Laminate, aged 6 mo
	1.83 MPa @Temperature 24.0 °C	265 psi @Temperature 75.2 °F	1/8" Birch/High-Pressure Laminate, no aging
	1.97 MPa @Temperature 24.0 °C	285 psi @Temperature 75.2 °F	1/8" Birch/High-Pressure Laminate, aged 9 mo
	2.10 MPa @Temperature 24.0 °C	305 psi @Temperature 75.2 °F	1/8" Birch/High-Pressure Laminate, aged 6 mo
	2.17 MPa @Temperature 24.0 °C	315 psi @Temperature 75.2 °F	1/8" Birch/High-Pressure Laminate, aged 3 mo
	3.31 MPa @Temperature 24.0 °C	480 psi @Temperature 75.2 °F	Overlap, 1/8" birch 1/8" birch
	7.58 MPa @Temperature -37.0 °C	1100 psi @Temperature -34.6 °F	Overlap, 1/8" birch 1/8" birch
Peel Strength	0.877 kN/m @Temperature -37.0 °C, Time 1.81e+6 sec	5.00 pli @Temperature -34.6 °F, Time 504 hour	canvas/canvas
	1.75 kN/m @Temperature 66.0 °C, Time 1.81e+6 sec	10.0 pli @Temperature 151 °F, Time 504 hour	canvas/canvas
	1.75 kN/m @Temperature 82.0 °C, Time 1.81e+6 sec	10.0 pli @Temperature 180 °F, Time 504 hour	canvas/canvas

Mechanical Properties	2.63 kN/m Metric	15.0 pli English	Comments canvas/canvas
	@Temperature 24.0 °C, Time 1.81e+6 sec	@Temperature 75.2 °F, Time 504 hour	
	3.51 kN/m	20.0 pli	canvas/canvas
	@Temperature 24.0 °C, Time 605000 sec	@Temperature 75.2 °F, Time 168 hour	
	3.51 kN/m	20.0 pli	canvas/canvas
	@Temperature 24.0 °C, Time 1.21e+6 sec	@Temperature 75.2 °F, Time 336 hour	
	4.38 kN/m	25.0 pli	canvas/canvas
	@Temperature 24.0 °C, Time 86400 sec	@Temperature 75.2 °F, Time 24.0 hour	
	5.26 kN/m	30.0 pli	canvas/canvas
	@Temperature 24.0 °C, Time 432000 sec	@Temperature 75.2 °F, Time 120 hour	
	6.14 kN/m	35.0 pli	canvas/canvas
	@Temperature 24.0 °C, Time 259000 sec	@Temperature 75.2 °F, Time 72.0 hour	

Descriptive Properties	Value	Comments
Appearance	Blue (Wet), Green (Dry)	
Base	Polychloroprene	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China