



# BLUE OX 901

## POLYURETHANE ADHESIVE SYSTEM

BLUE OX  
901

**BLUE OX™ 901** brings strength, reliability, and extreme durability in a very low odor polyurethane adhesive system. With a convenient 1:1 mix ratio by weight and volume, **BLUE OX™ 901** brings reliability to the assembly line. The low odor formulation makes **BLUE OX™ 901** the perfect adhesive for applications involving large bond lines in confined areas, as well as high volume production runs. The flexible high strength **BLUE OX™ 901** is the ideal replacement for high odor methacrylates, and eliminates the residual stink they leave behind. Whether your bonding fiberglass, aluminum, steel or plastic, **BLUE OX™ 901** delivers temperature and moisture resistant bonds in nice balance between positioning time and handling strength.

### PHYSICAL PROPERTIES

TEST	RESULT
Hardness, Shore A (after 30 minutes @ 25°C)	50
Hardness, Shore D (after 18 hours @ 25°C)	50
Hardness, Shore D (after 7 days @ 25°C)	60
Lap Shear Strength AL/AL acid etched	
24 hours @ 25°C	2150 psi
7 days @ 25°C	2780 psi
@-40°C	3750 psi
@82°C	450 psi

### TYPICAL PROPERTIES

	Part A	Part B	Mixed
Color	Beige	White	Off-White
Viscosity@25°C	20,000cps	20,000cps	20,000cps
Weight per Gallon	11.75lbs	11.75lbs	11.75lbs
Shelf life	6 months	6 months	-
Filler Type	Non-Abrasive	Non-Abrasive	Non-Abrasive
Gel Time (20gm mass 25°C)	-	-	4 min
Tack-Free Time (20gm mass 25°C)	-	-	30 min
<b>MIX RATIO</b>			
	Parts by Weight		Parts by Volume
BX901 Part A	1		1
BX901 Part B		1	1
FOR FULL STRENGTH ALLOW 7 DAYS AT 25°C (77°F)			

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