



PARSON ADHESIVES, INC.

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PARBOND 964 Polyurethane Adhesive

PARBOND 964 is a two-component, very fast setting, room temperature cure polyurethane adhesive system. This Non-Sag polyurethane adhesive is specifically design for blocking bovine hoofs.

Feature:

- Fast setting, non-sag with convenient 1:1 mix ratio.
- Assemble custom shoes and foal extensions directly to hoof.
- Ideal for rubber and wooden blocks bonding on the hoof.

Typical Uncured Properties:

	<u>Part A</u>	<u>Part B</u>	<u>Mixed</u>
Color	Amber	Light Amber	Amber
Viscosity @ 25 ⁰ C Brookfield, cps	1,000 – 1,500	1,500 – 2,000	Paste
Weight per Gallon	9.40 – 9.70	8.50 – 8.75	----
Mix Ratio by Volume	1:1		
Mix Ratio by Weight	1:1		
Gel Time	30 - 40 seconds		
Functional Cure	3 – 5 minutes		
Full Cure	24 hours		

Typical Cured Properties:

T-Peel Strength	65 – 75 Pli	ASTM D1876
Tensile Elongation	80- 90%	ASTM D638
Shore Hardness	55 - 65D	ASTM D 2240
Dielectric Strength	350	volts/mil ASTM D 149
Cure Shrinkage	0.0020 in./in.	ASTM D 2566
Tear Resistance	480 Pli	ASTM D 624
Tensile Strength	2,455 psi	ASTM D 638



Surface Preparation:

Clean surface by solvent-wiping any deposits of heavy grease, oil, dirt, or other contaminants. Surface can also be cleaned with industrial cleaning equipment such as vapor phase degreasers or hot aqueous baths. If working with metal, abrade or roughen the surface to significantly increase the microscopic bond area and increase the bond strength.

Mixing Procedure:

Proper homogenous mixing of resin and hardener is essential for the curing and development of stated strengths.

1. Attach cartridge to 50ml or 400ml manual or pneumatic dispensing systems.
2. Open tip.
3. Burp cartridge by squeezing out some material until both sides are uniform (ensures no air bubbles are present during mixing).
4. Attach mix nozzle to end of cartridge.
5. Apply to surface and attach other substrate quickly, as you have 2 minutes of working time to use the product. Substrates can be clamped with a bond line thickness as small as 0.007".

Storage: Store in cool, dry place.

Packaging:

Available in 50 ml, 200 ml and 400 ml dispensing cartridge system. Bulk packing in 5 gallon and 55-gallon drum.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

Warranty: All products purchased from or supplied by Parson are subject to terms and conditions set out in the contract. Parson warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Parson is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Parson makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.