



Toll Free: 87 PERMATEX  
(877-376-2839)

10 Columbus Blvd., Hartford,  
Connecticut 06106

6875 Parkland Boulevard, Solon  
Ohio 44139

## Technical Data Sheet

### Permatex® Pit Crew's Choice™

AAM Revised 02/03

#### PRODUCT DESCRIPTION

**S.I.N.: 834-300**

Permatex® Pit Crew's Choice™ is a single component, multi-purpose adhesive. As a water based adhesive, it solves many problems associated with solvent based systems and makes it safe and easy to use.

#### PRODUCT BENEFITS

- Ready to use
- No mixing
- Permanent, transparent bond
- Fills gaps to 0.125"
- Non-flammable
- Non-toxic

#### TYPICAL APPLICATIONS

- Automotive trim
- Logos
- Knobs
- Gear shift logos
- Minor interior repairs
- Nameplates
- Metal, fiberglass, glass, plastic, vinyl, wood

#### DIRECTIONS FOR USE

1. Both surfaces must be clean, dry and free of oil, grease, etc.
2. To open, pierce tube with the reverse side of cap.
3. **To use as an adhesive**, apply to both surfaces. Wait 5 minutes and press together.
4. Material sets in 60 to 90 minutes and full cure in 24 to 72 hours. NOTE: Cure times will be longer in high humidity environments and in joints where there is large surface areas and minimal air contact (large overlaps).
5. **To use as a sealant**, apply a layer  $\frac{1}{8}$  inch thick over area to be sealed.
6. Allow to dry for 24 hours (will dry clear).
7. If necessary, apply a second coat.

#### For Cleanup

1. To remove Pit Crew's Choice™ prior to drying, cleanup with warm water.
2. To remove cured Pit Crew's Choice™, use acetone.

#### PROPERTIES OF UNCURED MATERIAL

Chemical Type	Typical Value
Appearance	Acrylic Polymer
Odor	White paste
Specific Gravity	Slight ammonia
Viscosity, cP	1.05
Flash Point, (TCC) °F	Paste
pH	>200
	7.3

#### TYPICAL CURED PERFORMANCE

Permatex® Pit Crew's Choice™ applies as a white paste and dries to a clear adhesive in 24 hours at 25°C, 50% relative humidity. Temperature range -30°F to +180°F (-34°C to +82°C).

#### Shear Strength, various substrates

Samples cured seven days at ambient conditions, 25°C, 50%RH, then seven days at 50°C, 50%RH, prior to testing.

Substrate	Typical Shear Strength (psi)
Aluminum	820
Steel	600
Glass	460
G-10 Epoxy	375
PVC, rigid	350
PVC, flexible	50
Polyethylene	50
Polypropylene	50
Plywood	340
Oak	180
Mahogany	550
Pine	440
Teak	410
Ceramic	240
Gel coat	260

#### GENERAL INFORMATION

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.**

**For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).**

#### ORDERING INFORMATION

Part Number	Container Size
25831	2.0 fl. oz. tube, carded

#### STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

NOT FOR PRODUCT SPECIFICATIONS.

THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.

PLEASE CONTACT PERMATEX, INC., TECHNICAL SERVICE DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS FOR YOUR SPECIFIC APPLICATION.  
PERMATEX, INC., HARTFORD SQUARE NORTH, 10 COLUMBUS BOULEVARD, HARTFORD, CT 06106 PHONE - (1-877)PERMATEX

**NOTE**

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. **Permatex, Inc. specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Permatex, Inc. products and disclaims any liability for consequential or incidental damages of any kind, including lost profits.** This product may be covered by one or more United States or foreign patents or patent applications.