

Phase II[®]
FLUORIDE RELEASING
SEALANT/PASTE SYSTEM

Paste in jar (PJF)



Paste in screw syringes (PSF)



KIT CONTENTS

18gm catalyst paste A; 18gm base paste B; 7gm sealant resin A; 7gm sealant resin B; 9gm etching agent (liquid or gel); mixing pad, spatulas, disposable brushes. Sponge pellets may be substituted for brushes.

Phase II available with the paste prepackaged in jars or screw-type syringes.

NOTE: *Maximum Cure* sealants can be substituted for *Phase II* sealants in any kit at no additional cost. Please specify.

COMPONENTS

- 18gm Phase II paste A in jar (PJAF)
- 18gm Phase II paste B in jar (PJB)
- 18gm Phase II Paste A in 3-6gm screw syringes (PSAF)
- 18gm Phase II paste B in 3-6gm screw syringes (PSB)
- 7gm Bonding resin A (S7AF)
- 7gm Bonding resin B (S7B)
- 20gm Bonding resin A (S20AF)
- 20gm Bonding resin B (S20B)

FLUORIDE RELEASING:

Phase II paste and sealant is formulated with a patented fluoride releasing monomer. University studies have shown that fluoride is continuously released without reducing bond strength.

UNSURPASSED BOND STRENGTH:

A strong chemical bond is formed between the sealant and the paste; strong enough that *Phase II* is the first material recommended for the bonding of molar attachments. The highly filled paste provides a strong mechanical bond with all types of metal and ceramic bracket bases. When used with *Reliance Porcelain Conditioner*, *Phase II* will bond chemically to porcelain crowns and veneers. All plastic and fiber filled brackets will bond chemically to *Phase II* when first conditioned with *Reliance Plastic Appliance Conditioner*.

SMOOTH, TACKY CONSISTENCY:

Due to the unique filler size and shape, the pastes mix to a viscosity that is easy to apply to the bracket base; yet will hold the bracket in position after alignment, without slump. The paste viscosity can be thinned for bonding lingual retainers by adding bonding resin to the paste mix.

EASE OF REMOVAL:

Phase II is removed in one piece. Conventional filling materials or sealant-paste systems recommended for bonding have a quartz filler that lacks uniformity in size and shape, and is extremely difficult to grind from the enamel surface. *Phase II*, which was developed specifically for orthodontic bonding, has a small particle size glass filler, which constitutes a high percentage of the material. Due to the size, percentage and shape of the filler used in *Phase II*, the paste forms a solid matrix that bonds stronger to itself than it does to the sealant. As a result, removal is in one piece, without splintering, or leaving the majority of paste on the tooth.

BONDING FAILURES MINIMIZED:

Phase II has a snap set. There is only a short 30 second gel period prior to the final set. Conventional composites can have as much as a 90 second gel period before the final set is achieved. Brackets placed or moved during this gel time have a high instance of failure.

NO REFRIGERATION:

Phase II, like all *Reliance* adhesives, has a unique catalyst system that does not require refrigeration. Additionally, this catalyst allows the adhesive to achieve maximum bond strength faster than conventional systems. Active archwires can be placed 5 minutes after the last bracket is in place.