



Eli-Bond FR704 Applications and instructions for use

FR704 is a one-part, brush-on adhesion promoter that strengthens and enhances the bond of polyurethane resins to metals, steels, fabric carcass and rubber. It should be used in conjunction with Eli-Flex FR909N60 Liquid / Paste and FR993 when repairing or covering:

- **Metallic or steel belt fasteners / clip joints or mechanical splices**
- **Damaged / missing rubber lining**
- **Dump-truck bed liners**
- **Large areas of exposed fabric carcass**
- **Repairs to belt that convey hot material or are exposed to excessive heat or freezing temperatures**
- **Large holes in the belt exceeding 2 inches in diameter**
- **When an "S" pulley configuration is deployed or pulleys of 12 inch or less are in use**
- **Any repair that will be exposed to excessive wear or unusual stress**

DO NOT USE Eli-Bond FR703 as an adhesion promoter with Eli-Flex FR909. Always use Eli-Bond FR704 which has been formulated to work with Eli-Flex FR909. Eli-Bond FR703 with Protect-A-Splice FR1510.

Please e-mail support@tcarsonco.com if you are not sure if it is necessary to use FR704. Remember that FR704 can only improve your repair so it can be used for all repairs as desired.

Instructions for use:

1. Ensure the repair area is clean and free of any corrosion, oil or moisture. Use a slow moving rubber grinding disk or wire brush attachment to roughen the damaged area. If possible all metal should be roughened using a grinding disk.
 2. Shake the bottle a few times before opening.
 3. Pour out a small quantity of FR704 onto the repair area including the metallic / steel surface. Make sure you re-insert the plastic stopper tighten the bottle top after use. (FR704 is hygroscopic).
 4. Brush evenly across the surface in a thin layer using a clean, soft bristled brush. The entire repair area including the rubber and metal should be covered with a thin layer of FR704.
 5. Leave to dry for 10 - 15 minutes (@ 20° C / 68° F). The FR704 will develop a sticky finish once the solvent has evaporated. **PLEASE NOTE: If Eli-Flex FR909 is applied before the Eli-Bond FR704 has been allowed to dry enough you will trap excessive solvent gasses under the Eli-Flex 909 which will take a long time to escape and dramatically increase the time required for curing**
 6. Apply the Eli-Flex 909 Liquid / Paste.
 7. Leave Eli-Flex to cure as normal.
- Shelf Life in unopened bottles: 12 months
 - Kit size: 200 ml / 6.76 Ounces
 - Keep containers tightly sealed and dry and out of direct sunlight.
 - Avoid storing in temperatures above (60° C / 140° F) and below (10° C / 50° F).
 - Ensure adequate ventilation in the working area, avoid skin and eye contact.