



DURA-COAT RUBBER FLEX 900

DESCRIPTION AND RECOMMENDED USES:

100% solids, Dura-Coat Rubber Flex 900 is a high elongation, elastomeric, hybrid-epoxy. It is ideally suited for rubber repair, and it is completely compatible with metal and other substrates. The elastomeric aspect delivers a tough, flexible resilience while the epoxy aspect provides improved water and chemical resistance and shelf stability, while the ceramic reinforcement increases the abrasion resistance. It is ideal for repairing conveyor belts, pulleys and tank rubber lining. Rubber Flex 900 is easily applied up to 500 mils without slump.

- It can be applied up to 500 mils without slump
- Ideal for rubber protection and repair
- Suited for conveyor belts, pulleys and tanks
- Suited for immersion and non-immersion services

PACKAGES

| | SIZE | REORDER # |
|--------|-------|-----------|
| OPTION | 750 g | 900-750 |

FDA COMPLIANCE

This product complies with FDA regulations, for direct food contact specifically FDA 21 CFR 175.300 and FDA 21 CFR 175.105.

APPLICATION AREAS

- Conveyor belts
- Screens
- Pulleys
- Rubber in general
- Tanks
- Pumps
- Other

TECHNICAL DATA:

| | | | |
|---|------------------------------|------------------------|-------|
| Maximum Temperature (dependent on service) | Wet Service | -30°C | -22°F |
| | Dry Service | 93°C | 200°F |
| Chemical Resistance | Water | Excellent | |
| | Alkalis | Good | |
| | Inorganic Acids | Fair | |
| | Organic Acids | Fair | |
| | Organic Solvents | Poor | |
| Elongation | | 200% | |
| Specific Gravity | | 1.5 | |
| Viscosity | | Light Paste | |
| Hardness | | 93 Shore A | |
| Vertical SAG Resistance at 21°C (70°F) and 12.7 mm (500mils) | | No sag | |
| Coverage for 750g Kit | 5.4sf @40mils | 0.5m ² @1mm | |
| Mix Ratio | 9:1 by weight | Base: Activator | |
| Color | Black | | |
| Shelf Life (unopened containers) | 3 years at 55-95°F (13-35°C) | | |



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SURFACE PREPARATION

Proper surface preparation is critical to the long-term performance of the Dura-Coat Rubber-Flex 900. The Surface must be clean and rough. Prepare using a power tool with a wire wheel. Clean with solvents (acetone, xylene, alcohol or MEK) and cloth towel. No need to use primers, Dura-Coat Rubber-Flex 900 goes direct to the rubber or metal.

MIXING

Thoroughly mix Activator into Base with mixing stick scraping sides and bottom of container or mixing board. Mix by weight 9-parts Base to 1-part Activator. Mix thoroughly to produce an even colored and streak-free material. THINNING: Never thin.

CURED TIME

| | 16°C (60°F) | 25°C (77°F) | 32°C (90°F) |
|--------------|-------------|-------------|-------------|
| TACK FREE | 2 hours | 1.5 hours | 1 hour |
| LIGHT LOAD | 2.5 hours | 2 hours | 1.5 hours |
| OVERCOAT END | 2.5 hours | 2 hours | 1.5 hours |
| FULL LOAD | 4.5 hours | 4 hours | 3.5 hours |

APPLICATION

Dura-Coat Rubber-Flex 900 can be applied with a squeegee and putty knife. To avoid sagging in vertical surfaces, the maximum recommended thickness per coat is 12,7 mm (500 mil).

CLEAN UP

Tools must be immediately cleaned after usage by using industrial alkaline detergent.

SAFETY

Before using any products, review the appropriate Safety Data Sheet (SDS) or Safety Sheet for your area. Follow standard confined space entry and work procedures, if appropriate

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