



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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