

# CAPRALON

*CAPRALON preformed fabric bearing pads feature alternating layers of cotton/polyester fabric and elastomer vulcanized together.*

*CAPRALON pads are used to eliminate spalling by accomodating constuction tolerances and allowing for lateral movement.*

*CAPRALON pads can be provided with a bonded DYNALON (PTFE) surface for use in expansion bearing.*

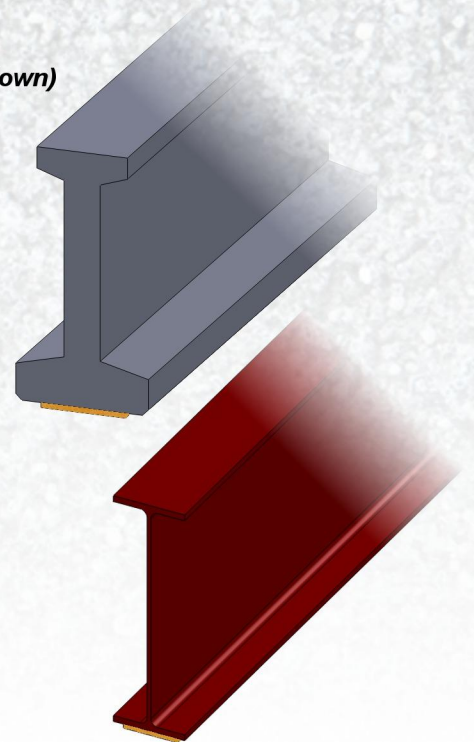
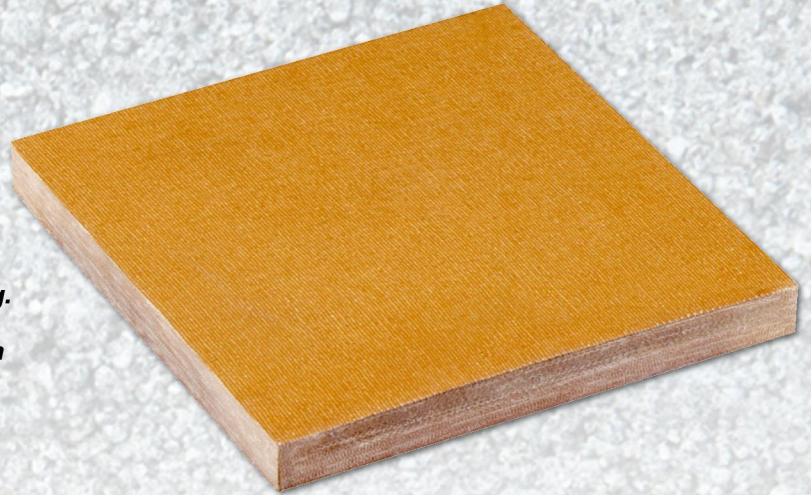
*CAPRALON also is used to control shock and vibration in industrial applications of drop forge hammers, wear pads, and other machine-related vibration dampening applications.*

## **Benefits**

- *Manufactured & tested under Military Specification MIL-C-882E*
- *Meets AASHTO LRFD Bridge Construction Specification 18.10.2*
- *Meets AASHTO LRFD Bridge Design Specifications 14.7.6.1 & 14.7.6.2*
- *High Load Capacity (10,000 PSI perpendicular to the laminations with no breakdown)*
- *Absorbs shock and vibration*
- *Eliminates spalling*

Material Properties	
Maximum Sheet Size	48" x 96"
Stock Thicknesses	1", 3/4", 1/2", 11/32", 15/64", 1/8"
Elastomer Type	Nitrile
Fungus Resistant	Per Federal Standard-191
Fabric	Polyester x Cotton
Durometer Hardness	90 +/-5 Shore A

Physical Properties	
Tensile (Elastomer)	1000 PSI (Min.) 1200 PSI (Typ.)
Ultimate Elongation (Elastomer)	600%
Permanent Set	13% max @ 10,000 PSI Compressive Stress
Temperature Range	-40°F to + 200°F



## COTTON DUCK BEARING PADS



***Your Connection Connection***

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## Safety Data Sheet –NEWLON & CAPRALON Elastomer Only

### SECTION 1: IDENTIFICATION

Product Names:	Newlon & Capralon Elastomer Only
Chemical Name / Synonym:	Duraking, Flexking, and Techflex Cured Belts; All sheet rubber Products both Supported and Unsupported
Chemical Family:	Multiple SBR, Nitrile, EPDM, Neoprene, Butyl, and Natural Rubber
Emergency Phone:	(847) 675-1560
Distributor Name:	JVI, Inc
Distributor Address:	7131 North Ridgeway Ave, Lincolnwood,
Distributor Phone:	(847) 675-1560

### SECTION 2: HAZARD(S) IDENTIFICATION

NFPA Hazard Rating:	Health 0, Flammability 1, Reactivity 0
HMIS Hazard Rating:	Health 0, Flammability 1, Reactivity 0

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name:	Common Name:	CAS #:	% (by wt)	Exposure Limits:
Nonhazardous as per 29 CFR 1910.1200.	None	None	100	None Established

### SECTION 4: FIRST AID MEASURES

First Aid Procedures:	No special action necessary.
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### SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Carbon dioxide, foam, sand/earth, or dry chemicals.
Hazardous Combustion Products:	Carbon dioxide and carbon monoxide, oxides of nitrogen, sulfur dioxide, and partially burned carbon.
Recommended Fire Fighting Procedures:	Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes and vapors may be evolved.
Unusual Fire and Explosion Hazards:	Oil 'bleeds' from material when burning.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to Be Taken in Case Material is Released or Spilled:	Not Applicable
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## SECTION 7: HANDLING AND STORAGE

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Precautions to Be Taken in  
Handling and Storing:

Keep away from heat, sparks, and open flames. Store in a dry  
area. Storage area should be well ventilated.

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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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Ventilation:	Store and use in well ventilated areas.
Respiratory Protection:	Nonerecommended.
Eye Protection:	Nonerecommended.
Skin Protection:	Nonerecommended.
Other:	None.
Work / Hygienic Practices:	Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Wash contaminated clothing prior to reuse.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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Appearance and Odor:	Multiple colors with slight rubber odor.		
Flash Point:	Not Applicable	Lower Explosive Limit:	None
Method Used:	Not Applicable	Upper Explosive Limit:	None
Evaporation Rate:	Not Applicable	Boiling Point:	None
pH (undiluted product):	Not Applicable	Melting Point:	Unknown
Solubility in Water:	Insoluble	Specific Gravity:	Varies
Vapor Density:	Not Applicable	Percent Volatile:	Unknown
Vapor Pressure:	Not Applicable		

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## SECTION 10: STABILITY AND REACTIVITY

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Thermal Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Heat, sparks, and open flames.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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Signs and Symptoms of Exposure:	No known adverse effects.
Medical Conditions Aggravated by Exposure:	Sensitive individuals may exhibit eye, nose, throat or dermal irritation with prolonged exposure to processing fumes or vapors.
Chronic Effects:	No known adverse effects.
Carcinogenicity:	None

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#### SECTION 16: OTHER INFORMATION

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Additional Comments:	This product is considered to be a finished article as per 29 CFR 1910.1200 (C) and is, therefore, exempt from the requirements of the Hazard Communication standard.
Date of Previous MSDS:	February 1, 2013
Changes Since Previous MSDS:	N/A
Telephone Number for Additional Information:	(847) 675-1560

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#### DISCLAIMER

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