



PDC® F-717/F-719/F-810

SYNTHETIC RUBBER FOAM COATING FOR INDUSTRIAL USE ONLY

DESCRIPTION:

F-717 and F-719 are synthetic rubber coatings that exhibit the ultimate in durability and strength in the foam coatings industry. These coatings can be applied to polyethylene, EVA, as well as to many plastics such as ABS.

Previously referred to as PDC® 11 coatings, these have been in use in the medical industry for over a decade and exhibit excellent abrasion, puncture, moisture and urine resistance. Typical applications are foam positioning devices, buoys, sporting goods and padding, packaging, seat cushions, boat and dock bumpers.

OTHER FEATURES INCLUDE:

Wide variety of colors available including fluorescents.

Clear formula. (F-719)

Excellent flexibility.

F-810 is the UV enhanced version.

Does not cause artifacts in most imaging applications

SPECIFICATIONS:

Solids: (wt.) 24%	Weatherability: (ASTM G-53): 3-5 years: F-717/F-719
Temperature use range: -30°F to 200°F	7-10 years: F-810
Block Resistance: 4hr @ 140F	Shelf life: 1+ years at 77°F unopened container
Elongation: (ASTM D-638) 500%	Coverage: 30 sq.ft. per gal at 15 mil
Tensile: (ASTM D-638) 2,500psi	Finish: satin

CHEMICAL RESISTANCE: In House Test Results [ASTM D-1308]

acids, alkalines, moisture, urine: excellent

petroleums: limited

ALTERNATIVE PRODUCTS:

PDC® F-694

We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the applications of this information or the safety and suitability of our products, either alone or in combination with other product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products whether used alone or in combination with other products. Ever changing V.O.C. regulations in your area may require you to contact local authorities for proper use and/or disposal of this product. Should you need further assistance, please contact PLASTI DIP INTERNATIONAL technical service.

SURFACE PREPARATION:**MIX WELL BEFORE USE.**

All surfaces to be coated must be free of any oils, dust or loose foam particles.

USE ADEQUATE VENTILATION.

SPRAYING: Pressure pot/conventional sprayers may be used. Dilute with recommended thinners 20-50% as needed. Gently mix before spraying. Apply wet, overlapping coats holding gun 6"-12" from surface using a 4"-6" pattern. Allow 10-20 minutes dry time before applying additional coats to desired thickness.

RECOMMENDED EQUIPMENT AND SETTINGS:

Binks® model 2100 gun

Nozzle: 66SS

Cap: 66SD (20-30% dilution) for heavier build up

Needle: 565

Material: 20-25psi

Atomization: 15-25psi

Dilution: as needed

Clean up: Toluene, Naphtha or Xylene

Industrial/commercial airless equipment may be used. Use as described above.

Tip size: .011-.019

Pressure: as needed

Dilution: 20-30%

DIPPING: Dilute with recommended thinners up to 30% as needed. Gently mix before each use. Do not introduce air bubbles. Insert item 1" every 5 seconds. Remove at same rate. Allow 30-40 minutes (dry to the touch) before applying additional coats to desired thickness.

BRUSHING: Dilute with recommended thinners up to 30% as needed. Gently mix before each use. Apply wet, overlapping coats using a soft natural bristle brush. Allow 10-20 minutes (dry to the touch) dry time before applying additional coats to desired thickness.

HINTS:

Recommended thinners: Toluene, Naphtha or Xylene. A dry film thickness of 12-15 mils is recommended for best results. Approximate dry film thickness per coat: dipping 6-8 mils; brushing, 4-5 mils; spraying, 2-5 mils. Allow overnight drying whenever possible. When using a dip tank, allow 6" minimum from fluid surface to tank top to avoid "skinning over". Avoid excessive air movement, heat or humidity. Always use proper ventilation and protection.