

Reef Industries in the Nuclear Industry

There are various components in nuclear power plants that are subjected to harsh environments. These components must be able to withstand a variety of factors including high temperatures and pressures, in addition to contaminants, dust, and debris. Griffolyn® specialty plastics can meet these requirements and bring added benefits such as tear resistance, fire resistance and UV stabilization.

Reef Industries has been providing the nuclear industry with construction, maintenance and outage protection for over a quarter of a century. Utilizing Reef's collection of custom fabrics, Reef Industries continues to provide products for plant maintenance, contamination control and reliable storage solutions.

Foreign Material Exclusion (FME) is the process of preventing outside debris into an area or areas where that debris poses an economic risk or safety hazard. FME is practiced across the nuclear power

generation community to increase nuclear safety and reduce power plant down time.

Nuclear Power Plants in the USA conduct maintenance on their Nuclear Reactors every 12-18 months during planned shutdowns (or outages) in the Fall or Spring seasons. During routine maintenance, Foreign Material Exclusion (FME) programs are used to prevent debris and foreign objects from entering components such as nuclear power generators. Preventing foreign debris is important in nuclear power plants because the presence of debris can cause outages, damage equipment, and increase the risk of worker injuries.

FME tarps help ensure that machines and parts that are important, sensitive or valuable do not get contaminated or damaged by foreign objects. This often involves extremely tight tolerances and precise measurements.

Take preventative measures to ensure components and systems are protected from foreign material with Griffolyn® reinforced

tarps. Griffolyn® provides complete around-the-clock protection by preventing outside debris from entering specific areas that can cause worker injury or potential damage to sensitive equipment.

Griffolyn® fire retardant FME covers are an economical solution to prevent excessive and unnecessary expenses resulting from fixing or replacing damaged equipment and parts caused by foreign material intrusion.

Features:

- NFPA 701 Certified
- Fire Safety & Contamination Applications
- Highly Flexible
- High Puncture Resistance
- Custom Pantone Colors Available
- Water Clear Material Available

Transport and store your equipment with Reef Industries' performance engineered and highly tear resistant custom rotor covers. Whether providing shipping, storage and protection of parts or containment and isolation of contaminated materials during new construction, maintenance or plant outages, Reef Industries can custom design and fabricate a custom cover dedicated to providing maximum protection and to improve your company's efficiency during these critical tasks.

Reef Industries has also been protecting the nuclear industry with quality plastics. Another Griffolyn product, GriffGuard is used to protect flooring surfaces. GriffGuard is a heavy duty, water resistant, and reusable/recyclable diamond plated floor protector. GriffGuard can cover decks, tiles, walkways, gradients, and other flooring surfaces which may require protection during maintenance and outage season. GriffGuard is a 40-mil black molded polyethylene diamond plate non-skid material which is easy to cut, move, or handle while providing protection around the job site. GriffGuard has been tested and approved to meet industry standards.

From FME covers to storage and transportation to floor protection, Reef Industries has you covered! We offer numerous materials to meet environmental compliance or safety requirements for critical equipment and work areas. From lightweight to heavy-duty products, Reef Industries can meet your requirements with a cover material specifically tailored to your application.

WE SUPPLY THE PROS.

GRIFFOLYN® CAN HELP WITH PLANT MAINTENANCE & OUTAGE MANAGEMENT

NFPA 701 CERTIFIED • FME PROTECTION • ON-SITE STORAGE
NO DELAYS IN OUTAGES • OUTDOOR TRANSPORTATION
STOCK ROLLS READILY AVAILABLE • HOT WORK AREAS

800.231.6074 • GRIFFOLYN.COM

GRIFFOLYN®
DIVISION OF REEF INDUSTRIES, INC.