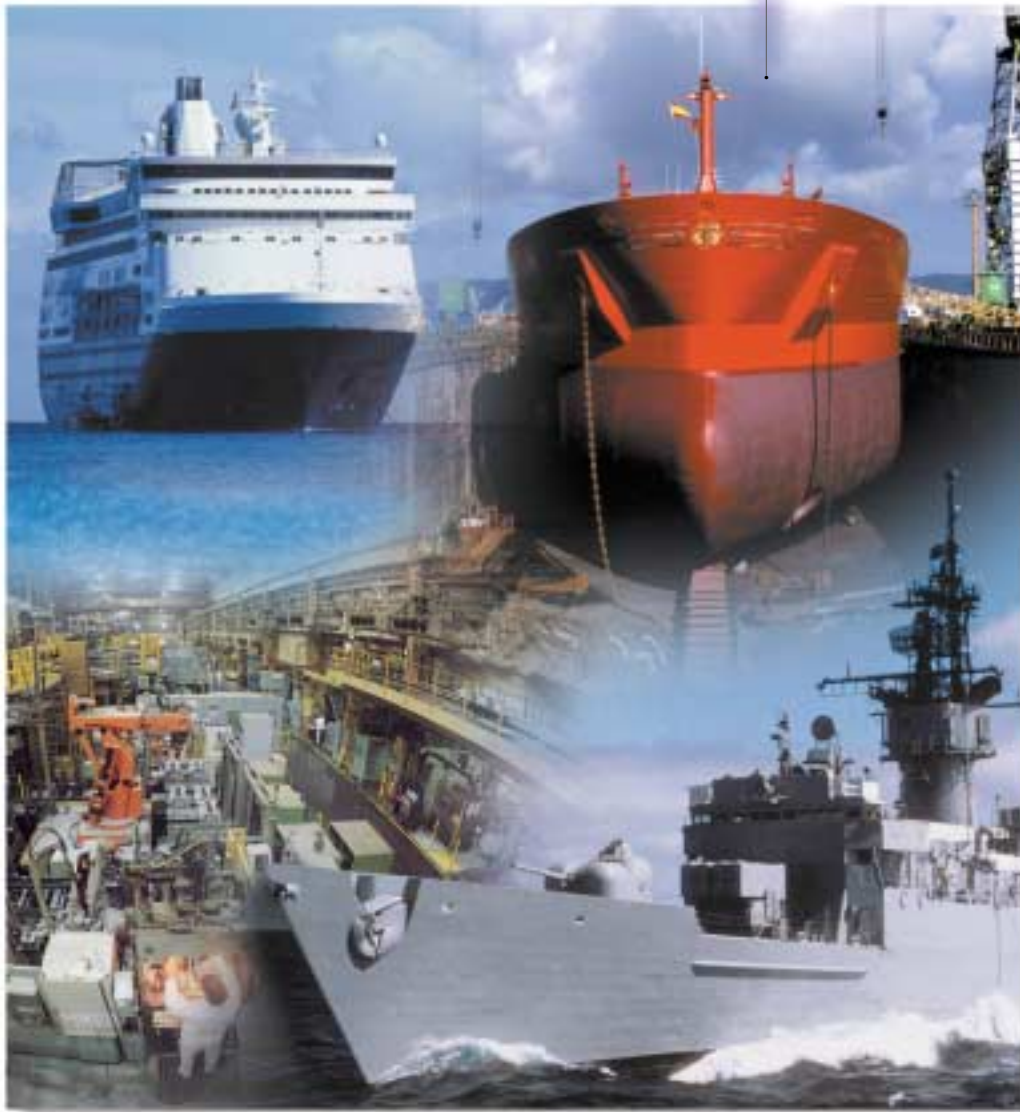


Shipbuilding, maintenance, and repair challenges...



High temperature
masking

Powder coating

Floor marking
and color coding

Riveting

Sand blasting
and chemical
stripping
protection

Vibration
damping

Flame retardant

X-Ray marking

Squeak reduction

HVAC sealing

3M Specialty Tape Solutions



3M Specialty Tapes offer technical solutions from HVAC sealing to marking and color coding, flame retardancy, and much more. In the wide line, you'll find metal foil tapes, slick surface tapes, polyester tapes, vinyl tapes, and others that can help you meet and resolve many shipbuilding, repair, and maintenance challenges simply and effectively. For details, call 1-800-3M HELPS, or click at the website.

www.3M.com/specialtytapes

3M

A wide variety of technical solutions

Marking and Color Coding

Apply 3M™ Vinyl Tape 471 to floors to define traffic lanes and hazardous areas or apply to pipes and other items for color coding. Choose from 9 vibrant locked-in colors or two striped tapes that provide...

- Durability against wear that rivals paints and coatings
- Fast application with no dripping drying, and clean-up
- Conformability for tight and irregular spaces

High Temperature Masking

3M™ Polyester Tapes Series 8900 provide choices for reliable masking in the high temperatures of powder coat painting. The line of high temperature resistant tapes offers...

- One piece removal after curing
- Variety of thicknesses and widths to meet application requirements

Sealing Solutions

3M™ Aluminum Foil Tape 425 protects surfaces during paint stripping.

- Solvent-resistant backing and adhesive
- Easy removal with minimal adhesive residue

HVAC Foils

Seal HVAC duct work with Scotch® Foil Tapes 3311 and 3326.

- Scotch® Foil Tape 3311 listed to UL 723 with liner
- Scotch® Foil Tape 3326 listed to UL 181A-P and 181B-FX with liner and a printed backing

Thermal Shielding Solutions

Isolate temperature-sensitive materials from heat with 3M™ Aluminum Foil Tape 425, 3M™ Glass Cloth Tape 361, or 3M™ Glass Cloth Reinforced Aluminum Foil Tape 363.

- Thermal isolation and flame resistance
- Variety of adhesives for different surfaces and temperature exposures

Plasma and Flame Spray Masking

Masking surfaces from flame spray or plasma spray can be made easy with 3M™ Glass Cloth Tape 361 as well as 3M™ Glass Cloth Reinforced Aluminum Foil Tape 363.

- Glass cloth provides a conformable backing that is capable of withstanding abrasion and heat
- Pressure sensitive silicone adhesive seals and withstands high heat

Vibration Damping

Reduce structural-borne noise with 3M™ Vibration Damping Tape 2552. Aluminum foil construction offers...

- Unique viscoelastic polymer that converts structural vibration to negligible heat
- Constraining layer retains handling properties while increasing energy conversion rate

Riveting and Joining Solutions

3M™ Riveting Tapes 685/695 hold rivets in place during bucking without backing entrapment

- Center of tape is adhesive-free
- Variety of constructions and widths to meet application requirements

Squeak/Rattle/Noise Reduction

Add a slippery surface with 3M™ UHMW-PE Film Tape 5423 to solve the problems of friction and rubbing. Ultra High Molecular Weight (UHMW) Polyethylene tape offers...

- Low coefficient of friction for “slip” that eliminates many squeaks and rattles
- Most abrasion resistant backing available

Flame Retardant Applications

Splice and seal surfaces where flame retardant properties are important with 3M™ Glass Cloth Tape 398FR/FRP.

- Glass cloth backing provides strong tensile strength
- Low smoke and rapid self extinguishing time
- Additional tapes that meet F.A.R.25.853 include 3M™ Glass Cloth Tape 361, 3M™ Glass Cloth Reinforced Aluminum Foil Tape 363, 3M™ Aluminum Foil Tapes 425, 431, and 433 as well as many others.

Harsh Outside Environments

Protect material and surfaces against harsh external environments using 3M™ Tedlar Tape

3M Tedlar Tape 838 provides...

- Long life characteristics in various UV and climate elements
- Low moisture vapor transmission rate

X-Ray Marking

3M™ Lead Foil Tapes 420 and 421 provide reference points during x-ray examinations for defects.

- 3M™ Lead Foil Tapes 420 lined
- 3M™ Lead Foil Tapes 421 unlined

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