

LEADERS IN CORROSION PREVENTION AND SEALING TECHNOLOGY

TECHNICAL DATA SHEET

OVER 130 YEARS SERVICE TO INDUSTRY



FM 01548 | EMS 583748

Dry Cargo Tape HD - Hatch Sealing Tape

Specially designed tape to help prevent water damage to cargo

Composition

Dry Cargo Tape HD - Hatch Sealing Tape is comprised of a synthetic fibre fabric impregnated and coated with a polymer modified bitumen adhesive. The outer surface of the tape has a high density polyethylene backing. The adhesive layer is protected prior to use by a release film which is discarded during application.

Uses

Dry Cargo Tape HD - Hatch Sealing Tape is specially designed for sealing metal hatch covers on cargo ships to prevent water entering at poorly mating joints with consequent damage to cargo. The thick adhesive conforms to typical metal deck surfaces.

Service Temperature: -20°C to 65°C

Characteristics

Dry Cargo Tape HD - Hatch Sealing Tape:

- conforms to typical metal deck surfaces,
- provides excellent resistance to water, acids, alkali and salts,
- adheres to steel, brass, aluminium, rigid plastics, glass and sound paint finishes, and
- helps prevent water damage to cargo.

Application

See Instruction for Use for additional details.

Application Temperature: 5°C to 45°C

Availability

Dry Cargo Tape HD - Hatch Sealing Tape is available in 20 metre rolls at widths of 75, 100 and 150 mm on a core of 63.5 mm inner diameter.

Storage Conditions

For application in very cold conditions, the tape may be gently heated before application. In very warm conditions, the tape should be kept cool until needed.

Waste material

Please do not discard waste material, including packaging, in the surrounding environment. Please follow all relevant legislation for disposal.

Typical Properties

Weight	2.8 kg/m ²		
Thickness	2.7 mm		
Breaking strength	350 N/50mm		
Elongation at break	22%		
Peel strength			
To steel	3 N/mm		
To self	3 N/mm		

Important: Winn & Coales (Denso) Ltd pursue a policy to develop and continually improve all of our products and therefore the information given in this data sheet is intended as a general guide and does not constitute a warranty of specification. However, our sales personnel are committed to assist the user in establishing the suitability of the product for its intended purpose and additional specific information is available on request. Winn & Coales (Denso) Ltd operate a Quality Management System registered to BS EN ISO 9001 (BSI Certificate no. FM01548) and an Environmental Management System registered to BS EN 14001 (BSI Certificate 583748).

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Dry Cargo Tape SD – Hatch Sealing Tape

Specially designed tape to help prevent water damage to cargo

Composition

Dry Cargo Tape SD - Hatch Sealing Tape is comprised of a tough cross-laminated polyethylene film coated with a polymer modified bitumen adhesive. The adhesive layer is protected prior to use by a release paper wider than the tape for easy removal during application.

Uses

Dry Cargo Tape SD – Hatch Sealing Tape is specially designed for sealing metal hatch covers on cargo ships to prevent water entering at poorly mating joints with consequent damage to cargo. The thick adhesive conforms to typical metal deck surfaces.

Service Temperature: -20°C to 60°C

Characteristics

Dry Cargo Tape SD – Hatch Sealing Tape:

- provides excellent resistance to water, acids, alkali and salts.
- adheres to steel, brass, aluminium, rigid plastics, glass and sound paint finishes, and
- helps prevent water damage to cargo.

Application

See Instruction for Use for additional details.

Application Temperature: 5°C to 45°C

Availability

Dry Cargo Tape SD - Hatch Sealing Tape is available in 20 metre rolls at widths of 75, 100 and 150 mm on a core of 76 mm inner diameter.

Storage Conditions

For application in very cold conditions, the tape may be gently heated before application. In very warm conditions, the tape should be kept cool until needed.

Waste material

Please do not discard waste material, including packaging, in the surrounding environment. Please follow all relevant legislation for disposal.

Typical Properties

Weight	1.58 kg/m ²	
Thickness		
Backing	0.1 mm	
Adhesive	1.5 mm	
Total	1.6 mm	
Breaking strength	250 N/50mm	
Elongation at break	200%	
Peel strength		
To steel	3 N/mm	
To self	3 N/mm	

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Dry Cargo X-Lam

Specially designed tape to help prevent water damage to cargo

Composition

Dry Cargo X-Lam is comprised of a blue tough cross-laminated polyethylene film coated with a polymer modified bitumen adhesive. The adhesive layer is protected prior to use by a release paper wider than the tape for easy removal during application.

Uses

Dry Cargo X-Lam is specially designed for sealing metal hatch covers on cargo ships to prevent water entering at poorly mating joints with consequent damage to cargo. The thick adhesive conforms to typical metal deck surfaces.

Service Temperature: -30°C to +75°C

Characteristics

Dry Cargo X-Lam:

- provides excellent resistance to water, acids, alkali and salts.
- adheres to steel, brass, aluminium, rigid plastics, glass and sound paint finishes, and
- helps prevent water damage to cargo.

Application

See Instruction for Use for additional details.

Application Temperature: +5°C to +50°C

Application Conditions

For application in very cold conditions, the tape may be heated before application. In very warm conditions, the tape should be kept cool until needed.

Availability

Dry Cargo X-Lam is available in 30 metre rolls at widths of 100 mm and 150 mm. Other widths will be manufactured to order.

Waste material

Please do not discard waste material, including packaging, in the surrounding environment. Please follow all relevant legislation for disposal.

Typical Properties

Thickness		ASTM D1000
Backing	0.1 mm	
Adhesive	0.9 mm	
Total	1.0 mm	
Tape strength	5 N/mm	ASTM D1000
Elongation at break	300%	ASTM D1000
Peel strength (180°)		ASTM D1000
To primed steel	3.5 N/mm	
To self	3.5 N/mm	

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