

Standard Duty (Bituwrap 41HT)

A Standard-Duty Cold Applied Bitumen/PE tape for use where metal hatch covers on ships require sealing to prevent water into the cavity, protecting goods against damage caused by water leakage.

GUARDIAN Marine Hatch Sealing Tape – Standard Duty is a self-adhesive, anti-corrosion bituminous rubber compound tape, backed by PE, for use where a conformable hatch seal is required. The GUARDIAN Marine Hatch Sealing Tape is conformable, allowing it to be applied around hatches and deck fittings. The tape is available in 100mm, 150mm and 200mm width options, all in 15-meter roll lengths.

SURFACE PREPARATION

Prior to application, clean the surface where the adhesive tape will be applied and ensure dry. In cold weather conditions, the application may be easier if the tape is heated up with a torch to heat up the bituminous compound, thereby increasing its adhesion. Apply pressure by hand to smooth over the tape before the tape cools, ensuring maximum adhesion to the substrate.

ADVANTAGES

Conformability: Extruded PE Carrier, engineered for conformability and controlled elasticity.

Versatility: Compound formulated for maximum adhesion for different applications and environments.

PROPERTIES

Property	Test Method	Value
Tensile Strength	ASTM D1000	>5kg/cm ²
Elongation	ASTM D638	>300%
Total Thickness		1.00mm (Avg)
Carrier (HDPE)		0.14mm (Avg)
Bitumen Compound		0.86mm (Avg)
Adhesion To Self	ASTM D1000	2.75 N/mm
Adhesion to Steel (Primed)	ASTM D1000	2.75 N/mm
Impact Resistance	ASTM G13	>24 Drops (2 Layers)
Application Temperatures		-10 to 55°C
Service Temperature		-20 to 75°C
Service Life		30 Years +
Shelf Life		36 Months @ 23°C

PACKAGING

Part No.	Weight	Unit	Carton Qty
	50mm	15 Metres	24 Rolls
FGCS0130	100mm	15 Metres	12 Rolls
FGCS0129	150mm	15 Metres	8 Rolls

APPLICATION

Apply spirally with a minimum 50% overlap in accordance with Guardian Bituwrap Application Guidelines.

All statements and data presented herein are given in good faith and believed to be appropriate and reliable. It is given without express or implied warrant or guarantee. Potential users of Guardian's materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use prior to purchase.

Heavy Duty (Bituwrap 1650)

A Heavy-Duty Cold Applied Bitumen/PVC tape for use where metal hatch covers on ships require sealing to prevent water into the cavity, protecting goods against damage caused by water leakage.

GUARDIAN Marine Hatch Sealing Tape – Heavy Duty is a self-adhesive, anti-corrosion bituminous rubber compound tape, backed by PVC, for use where a tough, conformable hatch seal is required. The GUARDIAN Marine Hatch Sealing Tape is conformable, allowing it to be applied around hatches and deck fittings. The tape is available in 100mm, 150mm and 200mm width options, all in 15-meter roll lengths.

SURFACE PREPARATION

Prior to application, clean the surface where the adhesive tape will be applied and ensure dry. In cold weather conditions, the application may be easier if the tape is heated up with a torch to heat up the bituminous compound, thereby increasing its adhesion. Apply pressure by hand to smooth over the tape before the tape cools, ensuring maximum adhesion to the substrate.

ADVANTAGES

Conformability: Extruded PVC Carrier, engineered for toughness, conformability and controlled elasticity.
Versatility: Compound formulated for maximum adhesion for different applications and environments.

PROPERTIES

Property	Test Method	Value
Roll Length/Width		15m/50-300mm
Thickness (PVC)	EN 1849-1	0.75mm
Thickness (Adhesive)	EN 1849-1	0.90mm
Thickness (Total)	EN 1849-1	1.65mm
Adhesion to Steel	ASTM D1000	2.75N/mm
Adhesion to Self	ASTM D1000	2.75N/mm
Tensile Strength	ASTM D638	14.8N/mm ²
Tensile Module	ASTM D638	10.5N/mm ²
Elongation at Break	ASTM D638	270%
Temperature Application	ASTM G8	+5 °C to + 50 °C
Temperature Operating		-20 °C to +75 °C
Insulation Resistance		10 ¹² Ohms/cm ²
Interleave Over width		15mm
Colour		Black
Service Life		30 Years +

PACKAGING

Part No.	Weight	Unit	Carton Qty
	100mm	15m	4 rolls
	150mm	15m	3 rolls

SHELF LIFE

Minimum of 3 years if stored in original unopened packaging.

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