宇航橡胶
YuHang Rubber
RUBBER

南京宇航橡胶有限公司
NANJING YUHANG RUBBER CO.LTD

Manufacturers · Designers · Distributors

RUBBAHATCH® - COMPOSITE DOOR & HATCH PACKING

PRODUCT DATA SHEET

ISO 9001 : 2015 REGISTERED

REACH COMPLIANT

Product Description

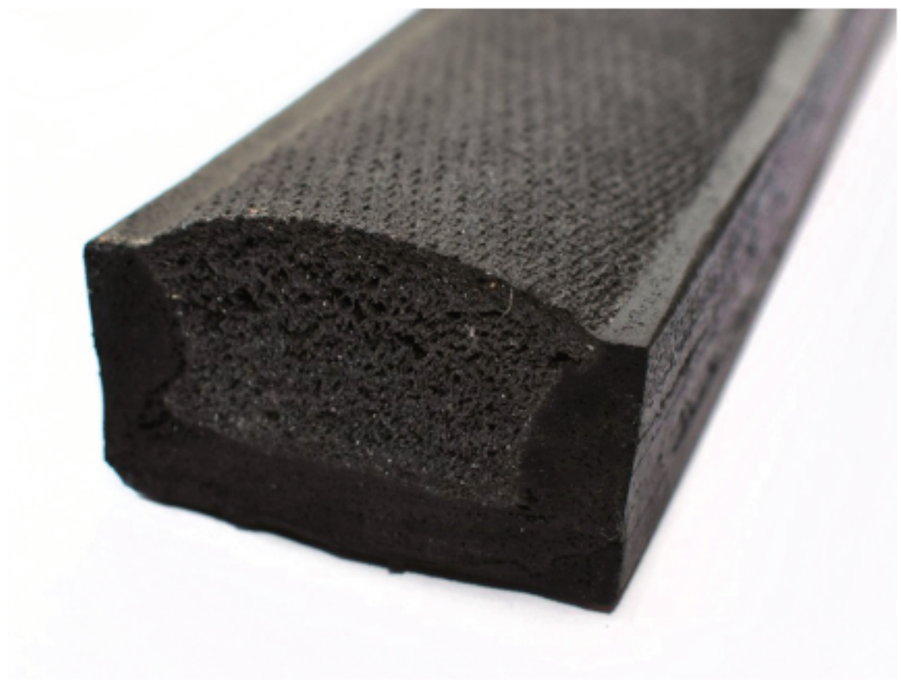
Our RubbaHatch® combination seal is our most popular rubber hatch seal for use in marine and industrial applications worldwide.

A fabricated or moulded seal constructed from a closed cell sponge sealing material with a thin outer skin of solid rubber to provide added strength and durability.

The cellular sponge core is purpose made for RubbaHatch® with excellent flexibility and compression properties, allowing for general duty and water tight installation in marine hatch and door flanges. Supplied with chamfered edges to assist with installation.

Common Applications

- Watertight ship doors
- Watertight hatches
- Accommodation door sealing
- Vent flaps
- Visor seals
- Many more marine applications



Standard Seal Sizes

RubbaHatch® is available in a variety of sizes from 20mm x 20mm up to 150mm x 150mm.
Supplied in 10m lengths as standard.

Standard sizes include: 38mm x 25mm, 40mm x 20mm, 35mm x 20mm, 35mm x 25mm, 30mm x 20mm, 38mm x 38mm, 50mm x 30mm, 38mm x 30mm, 30mm x 25mm, 50mm x 25mm, 57mm x 32mm, 60mm x 40mm, 70mm x 32mm, 70mm x 40mm.

E-mail: sales@rubbermanufact.com Http://www.rubbermanufact.com TeL:+86 18005162255
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Natural Rubber - Outer Rubber Skin Material Specification

Properties	Values
Polymer	Natural Rubber / SBR
Shore Hardness	60°/70°
Temperature Range	-20°C to +120°C
Density	1.30 (SG)
Tensile Strength	4.0 MPa
Compression Set (20% deflection at 70°C)	15% (Maximum)
Elongation At Break	200%
Tolerances	BS3734 BRMA

Neoprene Rubber - Outer Rubber Skin Material Specification

Properties	Values
Polymer	Neoprene
Colour	Black
Shore Hardness	70° +/- 5
Temperature Range	-30°C to +120°C
Density	1.30 (SG)
Tensile Strength	5.0 MPa
Surface Finish	Cloth Finish
Test Code	ISO 4100
Compound Resistance	Oils/Heat/Chemical/Weathering/Ozone
Tolerances	BS3734 BRMA

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Nitrile Rubber - Outer Rubber Skin Material Specification

Properties	Values
Polymer	Nitrile
Colour	Black
Shore Hardness	65° +/- 5
Temperature Range	-50°C to +120°C
Density	1.30 (SG)
Tensile Strength	7.0 MPa
Surface Finish	Cloth Moulded
Test Code	ISO 4100
Compound Resistance	Oils/Heat/Chemical/Weathering/Ozone
Tolerances	BS3734 BRMA

Open Cell Core Material Specification

Properties	Values
Polymer	Natural Rubber
Cell Structure	Open Cell
Shore Hardness	10°/18° (Average)
Temperature Range	-40°C to +70°C
Density	420kg/m^3
Tensile Strength	295 Kpa
Compression Deflection (at 25%)	5 -9 PSI
Compression Set (20% deflection 70°C)	15% (Maximum)
Elongation At Break	235% - 250%
Accelerated Aging (change in compression deflection at 70%)	+/- 20%

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