

## Technical Data Sheet

**MATERIAL PROPERTIES\*:** Novus 10

**DESCRIPTION:** Novus 10 is a premium grade compressed sheet material based on carbon fibre with a high quality nitrile rubber binder system.

**COLOUR:** Black

**SERVICE:** A universal grade especially suitable for use under alkaline conditions with good steam resistance. It also possesses excellent creep resistance and is suitable for use with oils, fuels and refrigerants.



**TESTS & APPROVALS:** BS Specification 7531 Grade X, API 607 Fire Safe, TA-LUFT (in accordance with VDI Guideline 2440), GL Approval 37702 - 12HH

**PHYSICAL PROPERTIES:**

THICKNESS		1.5MM
DENSITY		1.57G/CC
TENSILE STRENGTH	ASTM F152	13MPA
COMPRESSION	ASTM F36	11%
RECOVERY	ASTM F36	62% MIN
RESIDUAL STRESS	BS 7531 (300°C)	25MPA
GAS LEAKAGE	BS 7531	<1CC/MIN
ASTM OIL 1	THICKNESS INCREASE	1.0%
IRM 903 OIL	THICKNESS INCREASE	2.5%
ASTM FUEL B	THICKNESS INCREASE	2.5%

**AVAILABILITY:**

Thickness range: 0.4mm to 6.0mm  
 Standard sheet sizes: 2.0m x 2.0m  
 2.0m x 1.5m  
 1.5m x 1.5m  
 1.5m x 1.0m  
 Standard roll sizes: Up to a maximum size of 6.0m x 2.0m

Available with a fine mesh mild steel reinforcement: Novus 10 Metallic, can also be supplied with anti-stick finish. Supplied as standard with anti-stick coating, can also be supplied with graphite coating.

Notes: \* This is a general guide and should not be the sole means of selecting or rejecting this material. This data sheet covers basic information, for more comprehensive information, please contact us.

**Asbestos Free**



Certificate Number: 14352  
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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