



Material: DT-80

Description: Woven Carbon Fiber Carbon

AREAS OF USE

Area of Use	Highly Recommended	Optional	Benefits
Gob Deflector		✓	High temperature capabilities
Takeout Insert	Tableware Applications		Low oil absorption
Dead Plate			Very high mechanical strength (Stronger than standard carbon, graphite and DT-1 sheet material)
Ware Guide		✓	
Sweepout		✓	Long wear-life (service-life)
Transfer		✓	Very low thermal conductivity
Stacker Bar	✓		Available in large sheets or as finished parts

AVAILABLE SHEET SIZES*

Thicknesses	Sheet Sizes
0.236" [6.00 mm]	41.4" [1050 mm] x 41.4" [1050 mm]
0.394" [10.00 mm]	20.0" [508 mm] x 20.0" [508 mm]
0.472" [12.00 mm]	

Recommended to use in excessively hot environments where temperature exceeds the capabilities of DT-1 & DT-2

*Please inquire about additional thicknesses.



DT-80 TECHNICAL DETAILS

PHYSICAL PROPERTIES

International Units

English Units

Density

1.42-1.52 g/cm³

89-95 lb/ft³

MECHANICAL PROPERTIES

International Units

English Units

Flexural Strength

160- 180 MPa

23,200 - 26,100 psi

Tensile Strength

98 MPa

14,200 psi

TEMPERATURE CAPABILITIES

International Units

English Units

Continuous Temperature

450°C

842°F