

TECHNICAL DATA SHEET

Texturized basalt fiber tape DBT series

Darco DBT series is a texturized basalt fiber tape is fabricated from high quality texturized basalt yarns that will not burn. It will withstand continuous exposure to temperatures of **800°C**. During a single temperature exposure it reaches up to **1000°C**.

Basalt tape has a 25% higher strength in comparison with fiberglass (E Glass). It resists most acids and alkalis and is unaffected by most bleaches and solvents.

Available as a **Plain tape** or **Drop-Warp tape** (center longitudinal yarns missing), often called a **Bolt-hole tape** or **Ladder tape**.

Specification:

Thickness: 1.5mm up to 6mm
Width: 10mm up to 200mm
Weaving structure: plain for thickness 1.5mm up to 3mm, twill for thickness 4mm up to 6mm
Roll length: 30m or 50m



We also make below treatments for some special applications:

DBTAL Aluminum foil-faced on one side
DBTV Vermiculite coated
DBTHT Heat treated (caramelized)
DBTG Graphite coated
DBTSI Silicone coated
B106TA Backed with self-adhesive tape

Application:

Provide protection of industrial wires, cables, hoses, tube and pipe and also provide thermal insulation and personnel protection. Also used as a gasket or seal.

Physical Properties:

Thickness (mm)	Width (mm)	Roll length (m)	Yarn thickness (tex)		Yarn count(pc/cm)		Density (g/m ²)
			Warp	Weft	Warp	Weft	
1.5	10-200	30 or 50	1000	480	7.2	3.9	1100
2	10-200		1720	480	5.8	3	1400
2.5	13-200		2000	480	5.8	3	1750
3	13-200		2700	1200	4.8	1.9	2000
6	20-200		3600	1500	7	1.7	3800

Current Stock: DBT753 – 75mm x 3mm x 30m
DBT503 – 50mm x 3mm x 30m