TECHNICAL DATA SHEET

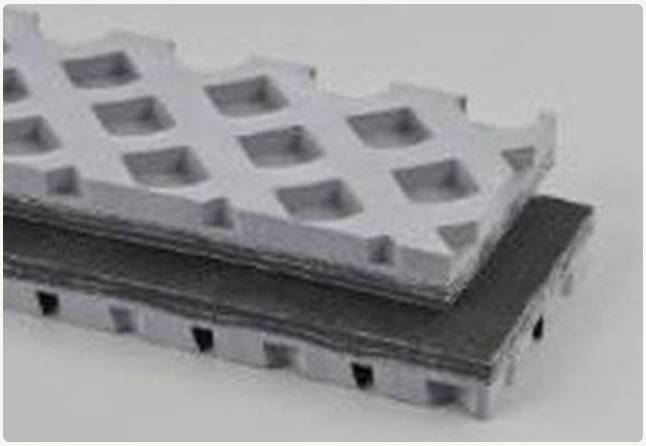
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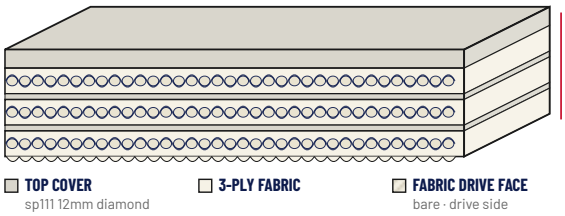
3 Ply 120 Grey 50A 1/2in Diamond x Bare

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Compound		Grey NR/SBR
	Thickness	0.3160 in.	8.03 mm
	Surface		SP111 12mm Diamond
	Hardness		50A Shore A
CARCASS	Number of plies		3
	Skim between plies		SBR
BOTTOM	Surface		Bare





CROSS-SECTION — NOT TO SCALE

GAUGE 0.5260 IN. / 13.36 MM

02 TECHNICAL SPECIFICATIONS

Overall gauge	0.5260	in.	13.36	mm
Unit weight	0.1800	lb/PIW		
Pull for 1% elongation	120	lbs/in.	21	N/mm
Temperature — minimum (1)	20	°F	−7	°C
Temperature — maximum (1)	220	°F	104	°C
Max. production width	65	in.	1651	mm

03 MINIMUM PULLEY DIAMETER (2)

■ Normal flex	4.7500	in.	120.65	mm
■ Back flex	5.7500	in.	146.05	mm

04 PROPERTIES

Impression (textured) top	YES

05 SPLICING & FASTENERS

Splice process	Step Hot

Oriontek service: supplied endless-joined, open-length or fabricated with profiles, sidewalls, cleats and V-guides. Onsite splicing available.

NOTES (1) Operating the belt at its limit values may reduce service life. (2) Minimum pulley diameters depend on belt tension and on the splice or fastener specified by Oriontek. All values are nominal.

DISCLAIMER Values are nominal. They describe the product as tested and do not necessarily reflect conditions of industrial use, nor do they guarantee suitability for a specific application. The customer remains responsible for correct selection and use. Oriontek cannot be held liable for damages arising from use of this product. Specifications may be revised without prior notice.