TECHNICAL DATA SHEET

OKBE49903

ENW 25/1 V0/V29 Black RT FR
Fire resistant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

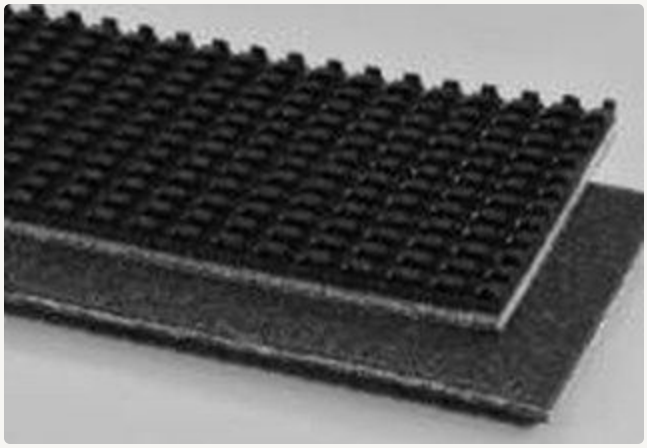
TOP COVER	Compound		Black PVC
	Thickness	0.1142 in.	2.90 mm
	Surface		Roughtop
	Hardness		50A Shore A
CARCASS	Number of plies		1
	Skim between plies		N/A
	Cross rigid		No
BOTTOM	Compound		PVC Impregnated
	Surface		PVC Impregnated

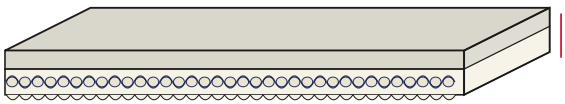
02 TECHNICAL SPECIFICATIONS

Overall gauge	0.2165	in.	5.50	mm
Unit weight	0.1024	lb/PIW		
Pull for 1% elongation	143	lbs/in.	25	N/mm
Temperature – minimum (1)	0	°F	–18	°C
Temperature – maximum (1)	180	°F	82	°C
Max. production width	72	in.	1829	mm

03 MINIMUM PULLEY DIAMETER (2)

■ Normal flex	2.2835	in.	58.00	mm
■ Back flex	3.1890	in.	81.00	mm





TOP COVER
roughtop

1-PLY FABRIC

FABRIC DRIVE FACE
pvc impregnated · drive side

CROSS-SECTION – NOT TO SCALE

GAUGE 0.2165 IN. / 5.50 MM

04 PROPERTIES

FDA compliant compound	NO
Oil resistant	NO
Fire resistant	YES
Antistatic	NO
Cross rigid	NO
Impression (textured) top	YES

05 SPLICING & FASTENERS

Splice process	Finger
Release foil	Yes

06 APPLICATION

Flame retardant, PVC roughtop belt designed for the logistics industry. Unique non-woven fabric belt construction where the strength/tension member is protected by needled, felt like top and bottom covers. The non-woven construction is frayless, runs quieter and has better impact absorption than traditional interwoven fabric belts. Common applications include box taper machines and incline/decline conveyors.

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.