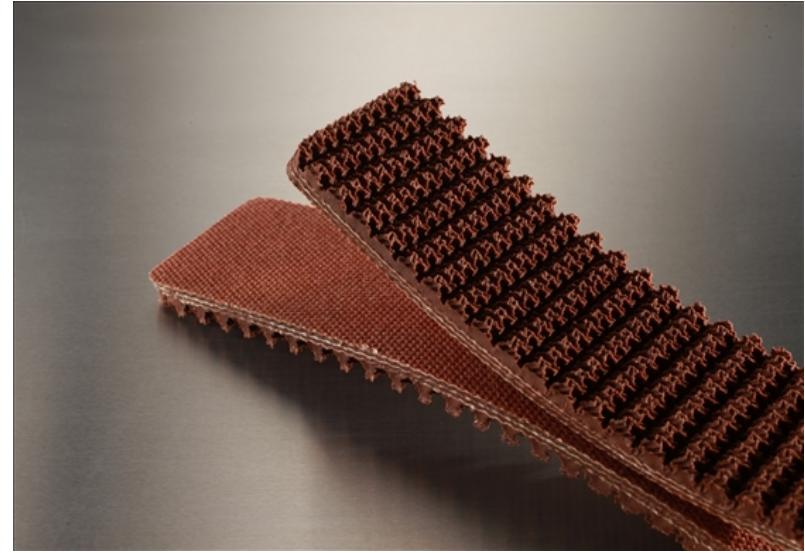


Product Specification Data

3BR90-NITRILE-RT Food Grade



Cover

Top Color	Brown
Thickness	0.175" (4.4mm)
Material	Nitrile Rubber
Pattern	Rough Top
Durometer	

Carcass

Plies	3
Fabric	Polyester/Nylon
Anti-static	No
Laterally Rigid	No
Pulley Side Material	Polyester

Weight

0.111 lbs./in.-ft. (6.5 kg/m²)

Maximum Width

72" (1.8m)

Overall Thickness

0.237" (6mm)

Minimum Pulley at 70°F

Min Pulley <180°	2.5" (63.5mm)
Min Pulley Reverse Bend	4" (101.6mm)

Contact Temperature Range

20°F to 250°F (-7°C to 121°C)

Intermittent Contact Mol Belting

Working Tension

Minimum	23-34 lbs./in. (4-6 N/mm)
Maximum	90 lbs./in. (15.8 N/mm)

Elongation

0.4% @ 23 lbs./in. (4 N/mm)
0.7% @ 34 lbs./in. (6 N/mm)
2% @ 90 lbs./in. (15.8 N/mm)

Coefficient of Friction

Mild Steel	0.3
S/S	0.32
UHMW	0.25

Splicing/Lacing Methods

Splicing	Angle Step Splice
Lacing #1	Unibar #2 Recessed
Lacing #2	Alligator #20 Recessed

Characteristics

FDA	Yes
Non-Marking	Yes
Flame Retardant	No
Release Characteristics	Good
Incline Conveying	Yes
Trough Conveying	Yes
Swan Neck Conveying	Poor
Metal Detectors	Contact Mol Belting
(Dependent on Sensitivity)	
Chemical Resistance	See Chart

Accessories

Edgecap	No
Guide	Yes
Cleats	No
Sidewall	No
Profile	No

Made with rubber suitable for food applications