

1R120-COS-U

Industrial Grade



Cover

Top Color	Red
Thickness	0.093" (2.4mm)
Material	TPU
Pattern	Glossy
Durometer	92 A

Carcass

Plies	1
Fabric	Solid Woven Polyester
Anti-static	No
Laterally Rigid	Yes
Pulley Side Material	Solid Woven Polyester

Weight

0.089 lbs./in.-ft. (5.2 kg/m²)

Maximum Width

122" (3.1m)

Overall Thickness

0.196" (5mm)

Minimum Pulley at 70°F

Min Pulley <180°	4" (101.6mm)
Min Pulley Reverse Bend	6" (152.4mm)

Contact Temperature Range

5°F to 176°F (-15°C to 80°C)	
Intermittent	Contact Mol Belting

Working Tension

Minimum	26-42 lbs./in. (4.6-7.4 N/mm)
Maximum	120 lbs./in. (21 N/mm)

Elongation

0.4% @ 26 lbs./in. (4.6 N/mm)
0.7% @ 42 lbs./in. (7.4 N/mm)
2% @ 120 lbs./in. (21 N/mm)

Coefficient of Friction

Mild Steel	0.22
S/S	0.24
UHMW	0.17

Splicing/Lacing Methods

Splicing	Finger Splice
Lacing #1	Unibar #2
Lacing #2	Alligator #20

Characteristics

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

Accessories

Edgecap	No
Guide	Yes
Cleats	Yes
Sidewall	Yes
Profile	Contact Mol Belting