

# USFLEX NOVAX

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## PRODUCT COMPARISON

	630/4	NX4	800/4	UF 630/1
Longitudinal tensile strength (N/mm)	630	<b>690</b>	800	630
Max. operational tension spliced (N/mm)	472	<b>621</b>	600	567
Carcass thickness (mm)	4.3	<b>3.6</b>	5.0	3.5
Carcass weight (kg/m <sup>2</sup> )	4.9	<b>4.3</b>	5.8	4.0
Min. rip resistance (N)	1250	<b>3500</b>	1500	5000
Min. tear strength (N)	1000	<b>3000</b>	1000	4000
Min. static fastener efficiency (%)	60	<b>65</b>	60	65
Average elongation at T1 (%)	0.9	<b>0.7</b>	0.8	1.2
Minimum pulley diameter for > 60% (mm)	500	<b>500</b>	630	400
Minimum width at 30 deg. trough (mm)	650	<b>800</b>	650	800
Max. width at 30 deg. trough (mm)	1600	<b>2000</b>	1800	2200
Belt weight stock item (kg/m <sup>2</sup> )	14.0	<b>12.6</b>	14.9	14.0

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CONVEYOR BELTING

	1000/4	NX6	1250/4	UF 1000/2
Longitudinal tensile strength (N/mm)	1000	<b>1040</b>	1250	1000
Max. operational tension spliced (N/mm)	750	<b>936</b>	937	900
Carcass thickness (mm)	5.8	<b>4.9</b>	6.4	6.3
Carcass weight (kg/m <sup>2</sup> )	6.7	<b>5.9</b>	7.4	7.0
Min. rip resistance (N)	1500	<b>5000</b>	1500	7000
Min. tear strength (N)	1000	<b>4000</b>	1000	6000
Min. static fastener efficiency (%)	60	<b>65</b>	60	65
Average elongation at T1 (%)	1.1	<b>1.3</b>	1.4	1.3
Minimum pulley diameter for > 60% (mm)	630	<b>630</b>	800	630
Minimum width at 30 deg. trough (mm)	800	<b>1000</b>	1000	1000
Max. width at 30 deg. trough (mm)	2200	<b>2000</b>	2200	2200
Belt weight stock item (kg/m <sup>2</sup> )	19.3	<b>18.3</b>	-	19.1



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