

V03779

TUFFlex Elite Handwrap

7 Micron / 28 Gauge / 0.28 Mil

Not intended as limiting specifications.

CHARACTERISTICS

VALUES

Manufacturing Process	Cast
Thickness (nominal)	7 Micron / 28 Gauge / 0.28 Mil
Color	Clear
Film Width (inches)	14.5"
Length (feet)	2000'
Net Weight / Roll (lb, nominal)	3.25 lb
Core I.D.	3"

TESTS

METHODS

VALUES

Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9350 psi
Tensile Strength at Break (TD)	ASTM D882	2100 psi
Elongation at Break (MD)	ASTM D882	100%
Elongation at Break (TD)	ASTM D882	650%
Elmendorf Tear Strength (MD)	ASTM D1922	400 g
Elmendorf Tear Strength (TD)	ASTM D1922	800 g
Cling	ASTM D5458	175 g

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V03780

TUFFlex Elite Handwrap

7 Micron / 28 Gauge / 0.28 Mil

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CHARACTERISTICS	VALUES
Manufacturing Process	Cast
Thickness (nominal)	7 Micron / 28 Gauge / 0.28 Mil
Color	Clear
Film Width (inches)	15.5"
Length (feet)	2000'
Net Weight / Roll (lb, nominal)	3.47 lb
Core I.D.	3"

TESTS	METHODS	VALUES
Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9350 psi
Tensile Strength at Break (TD)	ASTM D882	2100 psi
Elongation at Break (MD)	ASTM D882	100%
Elongation at Break (TD)	ASTM D882	650%
Elmendorf Tear Strength (MD)	ASTM D1922	400 g
Elmendorf Tear Strength (TD)	ASTM D1922	800 g
Cling	ASTM D5458	175 g

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V03781

TUFFlex Elite Handwrap

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CHARACTERISTICS	VALUES
Manufacturing Process	Cast
Thickness (nominal)	7 Micron / 28 Gauge / 0.28 Mil
Color	Clear
Film Width (inches)	17.25"
Length (feet)	2000'
Net Weight / Roll (lb, nominal)	3.86 lb
Core I.D.	3"

TESTS	METHODS	VALUES
Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9350 psi
Tensile Strength at Break (TD)	ASTM D882	2100 psi
Elongation at Break (MD)	ASTM D882	100%
Elongation at Break (TD)	ASTM D882	650%
Elmendorf Tear Strength (MD)	ASTM D1922	400 g
Elmendorf Tear Strength (TD)	ASTM D1922	800 g
Cling	ASTM D5458	175 g

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V03782

TUFFlex Elite Handwrap

8 Micron / 32 Gauge / 0.32 Mil

Not intended as limiting specifications.

CHARACTERISTICS	VALUES
Manufacturing Process	Cast
Thickness (nominal)	8 Micron / 32 Gauge / 0.32 Mil
Color	Clear
Film Width (inches)	14.5"
Length (feet)	2000'
Net Weight / Roll (lb, nominal)	3.71 lb
Core I.D.	3"

TESTS	METHODS	VALUES
Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9950 psi
Tensile Strength at Break (TD)	ASTM D882	2400 psi
Elongation at Break (MD)	ASTM D882	125%
Elongation at Break (TD)	ASTM D882	750%
Elmendorf Tear Strength (MD)	ASTM D1922	450 g
Elmendorf Tear Strength (TD)	ASTM D1922	900 g
Cling	ASTM D5458	175 g

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V03783

TUFFlex Elite Handwrap

8 Micron / 32 Gauge / 0.32 Mil

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CHARACTERISTICS	VALUES
Manufacturing Process	Cast
Thickness (nominal)	8 Micron / 32 Gauge / 0.32 Mil
Color	Clear
Film Width (inches)	15.5"
Length (feet)	2000'
Net Weight / Roll (lb, nominal)	3.97 lb
Core I.D.	3"

TESTS	METHODS	VALUES
Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9950 psi
Tensile Strength at Break (TD)	ASTM D882	2400 psi
Elongation at Break (MD)	ASTM D882	125%
Elongation at Break (TD)	ASTM D882	750%
Elmendorf Tear Strength (MD)	ASTM D1922	450 g
Elmendorf Tear Strength (TD)	ASTM D1922	900 g
Cling	ASTM D5458	175 g

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V03784

TUFFlex Elite Handwrap

8 Micron / 32 Gauge / 0.32 Mil

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CHARACTERISTICS	VALUES
Manufacturing Process	Cast
Thickness (nominal)	8 Micron / 32 Gauge / 0.32 Mil
Color	Clear
Film Width (inches)	17.5"
Length (feet)	2000'
Net Weight / Roll (lb, nominal)	4.42 lb
Core I.D.	3"

TESTS	METHODS	VALUES
Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9950 psi
Tensile Strength at Break (TD)	ASTM D882	2400 psi
Elongation at Break (MD)	ASTM D882	125%
Elongation at Break (TD)	ASTM D882	750%
Elmendorf Tear Strength (MD)	ASTM D1922	450 g
Elmendorf Tear Strength (TD)	ASTM D1922	900 g
Cling	ASTM D5458	175 g

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V04503

TUFFlex Elite Handwrap

7 Micron / 28 Gauge / 0.28 Mil

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CHARACTERISTICS	VALUES
Manufacturing Process	Cast
Thickness (nominal)	7 Micron / 28 Gauge / 0.28 Mil
Color	Clear
Film Width (inches)	14.5"
Length (feet)	1500'
Net Weight / Roll (lb, nominal)	2.44 lb
Core I.D.	3"

TESTS	METHODS	VALUES
Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9350 psi
Tensile Strength at Break (TD)	ASTM D882	2100 psi
Elongation at Break (MD)	ASTM D882	100%
Elongation at Break (TD)	ASTM D882	650%
Elmendorf Tear Strength (MD)	ASTM D1922	400 g
Elmendorf Tear Strength (TD)	ASTM D1922	800 g
Cling	ASTM D5458	175 g

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V04504

TUFFlex Elite Handwrap

7 Micron / 28 Gauge / 0.28 Mil

Not intended as limiting specifications.

CHARACTERISTICS	VALUES
Manufacturing Process	Cast
Thickness (nominal)	7 Micron / 28 Gauge / 0.28 Mil
Color	Clear
Film Width (inches)	15.5"
Length (feet)	1500'
Net Weight / Roll (lb, nominal)	2.6 lb
Core I.D.	3"

TESTS	METHODS	VALUES
Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9350 psi
Tensile Strength at Break (TD)	ASTM D882	2100 psi
Elongation at Break (MD)	ASTM D882	100%
Elongation at Break (TD)	ASTM D882	650%
Elmendorf Tear Strength (MD)	ASTM D1922	400 g
Elmendorf Tear Strength (TD)	ASTM D1922	800 g
Cling	ASTM D5458	175 g

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V04505

TUFFlex Elite Handwrap

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CHARACTERISTICS	VALUES
Manufacturing Process	Cast
Thickness (nominal)	7 Micron / 28 Gauge / 0.28 Mil
Color	Clear
Film Width (inches)	17.25"
Length (feet)	1500'
Net Weight / Roll (lb, nominal)	2.9 lb
Core I.D.	3"

TESTS	METHODS	VALUES
Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9350 psi
Tensile Strength at Break (TD)	ASTM D882	2100 psi
Elongation at Break (MD)	ASTM D882	100%
Elongation at Break (TD)	ASTM D882	650%
Elmendorf Tear Strength (MD)	ASTM D1922	400 g
Elmendorf Tear Strength (TD)	ASTM D1922	800 g
Cling	ASTM D5458	175 g

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V04506

TUFFlex Elite Handwrap

8 Micron / 32 Gauge / 0.32 Mil

Not intended as limiting specifications.

CHARACTERISTICS	VALUES
Manufacturing Process	Cast
Thickness (nominal)	8 Micron / 32 Gauge / 0.32 Mil
Color	Clear
Film Width (inches)	14.5"
Length (feet)	1500'
Net Weight / Roll (lb, nominal)	2.78 lb
Core I.D.	3"

TESTS	METHODS	VALUES
Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9950 psi
Tensile Strength at Break (TD)	ASTM D882	2400 psi
Elongation at Break (MD)	ASTM D882	125%
Elongation at Break (TD)	ASTM D882	750%
Elmendorf Tear Strength (MD)	ASTM D1922	450 g
Elmendorf Tear Strength (TD)	ASTM D1922	900 g
Cling	ASTM D5458	175 g

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V04507

TUFFlex Elite Handwrap

8 Micron / 32 Gauge / 0.32 Mil

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CHARACTERISTICS	VALUES
Manufacturing Process	Cast
Thickness (nominal)	8 Micron / 32 Gauge / 0.32 Mil
Color	Clear
Film Width (inches)	15.5"
Length (feet)	1500'
Net Weight / Roll (lb, nominal)	2.98 lb
Core I.D.	3"

TESTS	METHODS	VALUES
Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9950 psi
Tensile Strength at Break (TD)	ASTM D882	2400 psi
Elongation at Break (MD)	ASTM D882	125%
Elongation at Break (TD)	ASTM D882	750%
Elmendorf Tear Strength (MD)	ASTM D1922	450 g
Elmendorf Tear Strength (TD)	ASTM D1922	900 g
Cling	ASTM D5458	175 g

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V04508

TUFFlex Elite Handwrap

8 Micron / 32 Gauge / 0.32 Mil

Not intended as limiting specifications.

CHARACTERISTICS	VALUES
Manufacturing Process	Cast
Thickness (nominal)	8 Micron / 32 Gauge / 0.32 Mil
Color	Clear
Film Width (inches)	17.25"
Length (feet)	1500'
Net Weight / Roll (lb, nominal)	3.31 lb
Core I.D.	3"

TESTS	METHODS	VALUES
Haze	ASTM D1003	< 3 %
Gloss	ASTM D2457	65%
Tensile Strength at Break (MD)	ASTM D882	9950 psi
Tensile Strength at Break (TD)	ASTM D882	2400 psi
Elongation at Break (MD)	ASTM D882	125%
Elongation at Break (TD)	ASTM D882	750%
Elmendorf Tear Strength (MD)	ASTM D1922	450 g
Elmendorf Tear Strength (TD)	ASTM D1922	900 g
Cling	ASTM D5458	175 g

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