



# Professional Quality Tape Electrical and Special Use

Product Brochure



# A WARRIOR'S PERFORMANCE

WarriorWrap® offers a wide assortment of high-quality electrical tapes that compare to market-leading brands and offer a good value on an item you'll use every day. NSI support provides industry-leading customer service and marketing programs.

## THE WARRIOR VALUE

- Single-source solution for your complete assortment of high-quality professional electrical and special-use tapes
- Reliable and fast replenishment of commodity supplies
- Live customer service support
- Structured marketing program to support sales conversion
- NSI keeps your shelves reliably stocked with quick-turn staples
- Eye-catching, easy to shop merchandising display for on-the-floor customer convenience
- WarriorWrap® conquers all commercial, industrial and residential projects
- WarriorWrap® Tape has performance to match the leading brands on the market today while providing unmatched value





# THE VINYL WARRIOR

Our vinyl electrical tape comes in a variety of colors, all built with the strength, adhesion, temperature resistance and durability to withstand many conditions.



## STRENGTH

The better the stretch, the better the seal. WarriorWrap delivers leading elasticity and dielectric strength.

832 Series		732 Series		722 Series		716 Series	
Thickness (mils)	8.5	Thickness (mils)	7	Thickness (mils)	7	Thickness (mils)	7
Elongation at Break (%)	250	Elongation at Break (%)	286	Elongation at Break (%)	200	Elongation at Break (%)	200
Dielectric Strength (V/mil)	1165	Dielectric Strength (V/mil)	1289	Dielectric Strength (V/mil)	1200	Dielectric Strength (V/mil)	1200

## ADHESION

Rubber-based adhesive sticks to a range of materials, ensuring a secure insulating seal on uneven surfaces.

832 Series		732 Series		722 Series		716 Series	
Adhesion to Steel (oz/in)	34	Adhesion to Steel (oz/in)	33	Adhesion to Steel (oz/in)	22	Adhesion to Steel (oz/in)	16
Adhesion to Backing (oz/in)	36	Adhesion to Backing (oz/in)	33	Adhesion to Backing (oz/in)	22	Adhesion to Backing (oz/in)	16

## TEMPERATURE PERFORMANCE

Our professional-quality electrical tape keeps a tight grip in extreme temperature conditions.

832 Series		732 Series		722 Series		716 Series	
Operating Temp.	0°F to 221°F, -18°C to 105°C	Operating Temp.	0°F to 221°F, -18°C to 105°C	Operating Temp.	20°F to 176°F, -7°C to 80°C	Operating Temp.	20°F to 176°F, -7°C to 80°C

## COLOR-CODED

Keep cable marking simple by using our full range of bright, fade-resistant colors.

GROUND	LIGHTING CONTROL		LOW-VOLTAGE 120/240V				HIGH-VOLTAGE 277/480V			
GREEN	PINK	VIOLET/ PURPLE	PHASE A BLACK	PHASE B RED	PHASE C BLUE	NEUTRAL WHITE	PHASE A BROWN	PHASE B ORANGE	PHASE C YELLOW	NEUTRAL GREY



# HEAVY-DUTY

## 832 Series

A superior high-performance 8.5 mil electrical tape ideal for splicing, insulating and cable marking. For indoor and outdoor use.



CHARACTERISTIC	TYPICAL VALUE
Backing / Adhesive	PVC Vinyl / Rubber Adhesive
Thickness (mils)	8.5
Breaking strength (lbs/in)	18
Elongation at break (%)	250
Adhesion to steel (oz/in)	34
Adhesion to backing (oz/in)	36
Dielectric strength (V/mil)	1165
Operating temp.	0°F to 221°F, -18°C to 105°C
Certifications	UL 510, CSA C22.2



**Heavy-duty adhesion and elasticity**



**600V Rating**



**CSA Standard C22.2**



**Highly resistant to UV, abrasion and corrosion**



**8.5 mil Thickness**



**UL 510 Listed**



**0°F to 221°F | -18°C to 105°C  
Operating temperature**



**Flame-retardant**



**3/4in and 1-1/2in Widths**

PART NUMBERS	LENGTH	WIDTH	COLOR	PACKAGING TYPE	INNER PACK QTY	MASTER CARTON QTY
WW-832	66ft	3/4in		PUCK	10	100
WW-832-15	44ft	1-1/2in		BOX	-	200
WW-832-DC	66ft	3/4in		CELO WRAP	10	100

# PROFESSIONAL+

## 732 Series

A superior high-performance vinyl electrical tape ideal for splicing, insulating and cable marking. For indoor and outdoor use.



CHARACTERISTIC	TYPICAL VALUE
Backing / Adhesive	PVC Vinyl / Rubber Adhesive
Thickness (mils)	7
Adhesion to steel (oz/in)	33
Adhesion to backing (oz/in)	33
Elongation at break (%)	286
Dielectric strength (V/mil)	1289
Operating temp.	0°F to 221°F, -18°C to 105°C
Certifications	UL 510, CSA C22.2



**Superior adhesion and elasticity**



**600V Rating**



**CSA Standard C22.2**



**Highly resistant to UV, abrasion and corrosion**



**7 mil Thickness**



**UL 510 Listed**



**0°F to 221°F | -18°C to 105°C  
Operating temperature**



**Flame-retardant**



**3/4in and 1-1/2in Widths**

PART NUMBERS	LENGTH	WIDTH	COLOR	PACKAGING TYPE	INNER PACK QTY	MASTER CARTON QTY
WW-732	66ft	3/4in		PUCK	10	100
WW-732-15	44ft	1-1/2in		BOX	-	100
WW-732-BN	66ft	3/4in		PUCK	10	100
WW-732-RD	66ft	3/4in		PUCK	10	100
WW-732-OR	66ft	3/4in		PUCK	10	100
WW-732-YL	66ft	3/4in		PUCK	10	100
WW-732-GN	66ft	3/4in		PUCK	10	100
WW-732-BL	66ft	3/4in		PUCK	10	100
WW-732-VT	66ft	3/4in		PUCK	10	100
WW-732-GY	66ft	3/4in		PUCK	10	100
WW-732-WT	66ft	3/4in		PUCK	10	100
WW-732-PK	66ft	3/4in		PUCK	10	100

# PROFESSIONAL

## 722 Series

An excellent professional-grade vinyl electrical tape ideal for splicing, insulating and cable marking. For indoor and outdoor use.

CHARACTERISTIC	TYPICAL VALUE
Backing / Adhesive	PVC Vinyl / Rubber Adhesive
Thickness (mils)	7
Adhesion to steel (oz/in)	22
Adhesion to backing (oz/in)	22
Elongation at break (%)	200
Dielectric strength (V/mil)	1200
Operating temp.	20°F to 176°F, -7°C to 80°C
Certifications	UL 510, CSA C22.2



**Excellent adhesion and elasticity**



**600V Rating**



**CSA Standard C22.2**



**Highly resistant to UV, abrasion and corrosion**



**7 mil thickness**



**UL 510 Listed**



**20°F to 176°F | -7°C to 80°C  
Operating temperature**



**Flame-retardant**



**3/4in Width**

PART NUMBERS	LENGTH	WIDTH	COLOR	PACKAGING TYPE	INNER PACK QTY	MASTER CARTON QTY
WW-722	66ft	3/4in		CELO WRAP	10	200
WW-722-BN	66ft	3/4in		CELO WRAP	10	200
WW-722-RD	66ft	3/4in		CELO WRAP	10	200
WW-722-OR	66ft	3/4in		CELO WRAP	10	200
WW-722-YL	66ft	3/4in		CELO WRAP	10	200
WW-722-GN	66ft	3/4in		CELO WRAP	10	200
WW-722-BL	66ft	3/4in		CELO WRAP	10	200
WW-722-VT	66ft	3/4in		CELO WRAP	10	200
WW-722-GY	66ft	3/4in		CELO WRAP	10	200
WW-722-WT	66ft	3/4in		CELO WRAP	10	200
WW-722-PK	66ft	3/4in		CELO WRAP	10	200



# GENERAL USE

## 716 Series

Vinyl electrical tape ideal for splicing, harnessing, bundling and cable marking.  
For indoor use only.

CHARACTERISTIC	TYPICAL VALUE
Backing / Adhesive	PVC Vinyl / Rubber Adhesive
Thickness (mils)	7
Adhesion to steel (oz/in)	16
Adhesion to backing (oz/in)	16
Elongation at break (%)	200
Dielectric strength (V/mil)	1200
Operating temp.	20°F to 176°F, -7°C to 80°C
Certifications	UL 510, CSA C22.2



**Good adhesion and elasticity**



**Highly resistant to UV, abrasion and corrosion**



**20°F to 176°F | -7°C to 80°C  
Operating temperature**



**600V Rating**



**7 mil thickness**



**Flame-retardant**



**CSA Standard C22.2**



**UL 510 Listed**



**3/4in Width**

PART NUMBERS	LENGTH	WIDTH	COLOR	PACKAGING TYPE	INNER PACK QTY	MASTER CARTON QTY
WW-716	66ft	3/4in		CELO WRAP	10	200
WW-716-BN	66ft	3/4in		CELO WRAP	10	200
WW-716-RD	66ft	3/4in		CELO WRAP	10	200
WW-716-OR	66ft	3/4in		CELO WRAP	10	200
WW-716-YL	66ft	3/4in		CELO WRAP	10	200
WW-716-GN	66ft	3/4in		CELO WRAP	10	200
WW-716-BL	66ft	3/4in		CELO WRAP	10	200
WW-716-VT	66ft	3/4in		CELO WRAP	10	200
WW-716-GY	66ft	3/4in		CELO WRAP	10	200
WW-716-WT	66ft	3/4in		CELO WRAP	10	200
WW-716-PK	66ft	3/4in		CELO WRAP	10	200

# THE TACTICAL WARRIOR FOR SPECIAL USE

You've got a job to do, and you need tools that are up to the challenge. After all, your work is only as strong as your weakest link. We designed WarriorWrap® specialty tapes to meet your exacting requirements and the rigorous demands of electrical construction applications, so you can be confident that every job will be wrapped up right.

## THE RIGHT TAPE FOR THE JOB.

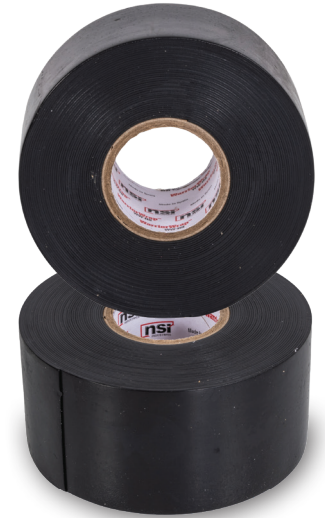
Whether you are bundling, insulating or splicing, or need protection against corrosion, UV or moisture, WarriorWrap® outperforms whatever tape you've been carrying. Engineered to the most stringent performance standards, these tapes are an indispensable tool you'll use every day and rely on for years to come.





# Rubber Splicing Tapes - High Voltage

For insulating and jacketing splices through 69kV



Voltage Rating	69kV	Water Absorption	0.06%
Thickness (mils)	30	Ozone Resistance	Pass
Breaking Strength (psi)	333.6	UV Resistance	Pass
Dielectric Strength (V/mil)	990.6	Dissipation Factor	0.005
Dielectric Constant	2.9	Volume Resistivity	1x10(15)
Temperature Rating	266°F / 130°C	Fusion	(78.74 mils max.) No Flag
Operating Temp.	194°F / 90°C	Heat Resistance	266°F / 130°C

PART NUMBERS	LENGTH	WIDTH	COLOR	MATERIAL	PACKAGING TYPE	MASTER CARTON QTY
WW-HR-75	30ft	3/4in	BLACK	EPR Rubber, Acrylic Adhesive	BOX	60
WW-HR-10	30ft	1in	BLACK	EPR Rubber, Acrylic Adhesive	BOX	40
WW-HR-15	30ft	1-1/2in	BLACK	EPR Rubber, Acrylic Adhesive	BOX	30
WW-HR-20	30ft	2in	BLACK	EPR Rubber, Acrylic Adhesive	BOX	20
WW-HRL-75	30ft	3/4in	GRAY	EPR Rubber	BOX	60
WW-HRL-10	30ft	1in	BLACK	EPR Rubber	BOX	40
WW-HRL-15	30ft	1-1/2in	BLACK	EPR Rubber	BOX	30
WW-HRL-20	30ft	2in	GRAY	EPR Rubber	BOX	20

# Rubber Splicing Tapes

Splicing and insulation for wires and cable splices up to 600 Volts



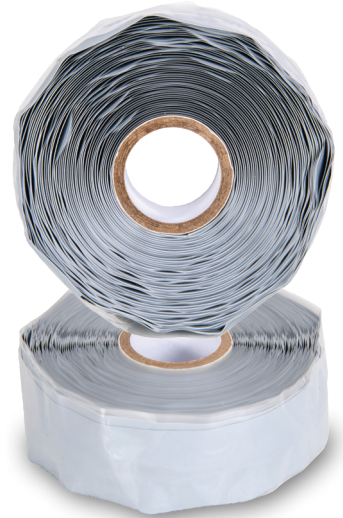
Voltage Rating	600V	Water Absorption	0.06%
Thickness (mils)	30	Ozone Resistance	Pass
Breaking Strength (psi)	333.6	UV Resistance	Pass
Dielectric Strength (V/mil)	990.6	Dissipation Factor	0.005
Dielectric Constant	2.9	Volume Resistivity	1x10(15)
Temperature Rating	176°F / 80°C	Fusion	(78.74 mils max.) No Flag
Operating Temp.	194°F / 90°C	Heat Resistance	266°F / 130°C
		Emergency Overload	266°F / 130°C

PART NUMBERS	LENGTH	WIDTH	COLOR	MATERIAL	STRENGTH ELONGATION	PACKAGING TYPE	MASTER CARTON QTY
WW-RS-75	15ft	3/4in	BLACK	EPR Rubber, Acrylic Adhesive	890%	CELO WRAP	140
WW-RS-10	15ft	1in	BLACK	EPR Rubber, Acrylic Adhesive	890%	CELO WRAP	98
WW-RS-15	15ft	1-1/2in	BLACK	EPR Rubber, Acrylic Adhesive	890%	CELO WRAP	70
WW-RS-20	15ft	2in	BLACK	EPR Rubber, Acrylic Adhesive	890%	CELO WRAP	56
WW-RSL-75	22ft	3/4in	BROWN	EPR Rubber	500%	CELO WRAP	100
WW-RSL-10	22ft	1in	BROWN	EPR Rubber	500%	CELO WRAP	80
WW-RSL-15	22ft	1-1/2in	BROWN	EPR Rubber	500%	CELO WRAP	40
WW-RSL-20	22ft	2in	BROWN	EPR Rubber	500%	CELO WRAP	50

# Silicone Rubber Tapes

For jacketing of high voltage terminations on extruded dielectric cables through 69kV

Voltage Rating	69kV	Operating Temp.	194°F / 90°C
Thickness (mils)	20	Dissipation Factor	0.002
Breaking Strength (psi)	580	Volume Resistivity	1x10(14)
Dielectric Strength (V/mil)	609.6	Fusion	(78.74 mils max.) No Flag
Dielectric Constant	3.0	Copper Corrosion	None
Temperature Rating	356°F / 180°C	Strength Elongation	300%



PART NUMBERS	LENGTH	WIDTH	COLOR	MATERIAL	PACKAGING TYPE	MASTER CARTON QTY
WW-SR-10	30ft	1in	GRAY	Silicone	BOX	50

# Mastic Tapes

**WW-RMR-20 / WW-VMR-40 / WW-VMP-65** : For insulating and moisture sealing splices and terminations on solid dielectric cable, or primary insulation up to 2kV

**WW-MSR-375** : For insulating and sealing all types of overhead and direct buried electrical connections up to 600 volts

**WW-EF-15** : For encapsulating and protecting all types of low-voltage connection and devices

Dielectric Strength (V/mil)	508	Ozone Resistance	Pass
Dielectric Constant	3.2	UV Resistance	Pass
Operating Temp.	194°F / 90°C	Dissipation Factor (%)	0.025
Emergency Overload	266°F / 130°C	Volume Resistivity	1x10(15)
Copper Corrosion	None	Insulation Resistance	>1x10(6)
Water Absorption	0.10%	Packaging Type	Box



PART NUMBERS	DESCRIPTION	LENGTH	WIDTH	TAPE THICKNESS	COLOR	MATERIAL	VOLTAGE RATING	TEMP. RATING	MASTER CARTON QTY
WW-RMR-20	Mastic Tape High Temperature	10ft	2in	65mil	BLACK	EPR Rubber, Mastic adhesive	2000kV	266°F / 130°C	30
WW-VMR-40	Vinyl Mastic Roll	10ft	4in	133mil	BLACK	Vinyl Backing, Mastic Adhesive	1000V	266°F / 130°C	10
WW-VMP-65	Vinyl Mastic Pad	4in	6-1/4in	133mil	GRAY	Vinyl Backing, Mastic Adhesive	1000V	266°F / 130°C	10
WW-MSR-375	Mastic Tape Low Voltage	10ft	3-3/4in	125mil	BLACK	Mastic	600V	194°F / 90°C	10
WW-EF-15	Electrical Filler	5ft	1-1/5in	125mil	BLACK	Mastic	600V	266°F / 130°C	12

## Corrosion Protection Tapes

For protection against abrasion, corrosion and impact, both above and below ground

Material	Plasticized PVC
Adhesive	Rubber
Adhesion to Steel (oz/in)	20
Adhesion to Backing (oz/in)	20
Temperature Rating	176°F / 80°C
Max Operating Temp.	176°F / 80°C
Packaging Type	Celo Wrap



PART NUMBERS	TAPE THICKNESS	LENGTH	WIDTH	COLOR	BREAKING STRENGTH	DIELECTRIC STRENGTH	MASTER CARTON QTY
WW-CP-201	10mil	100ft	2in	BLACK	20lb/in	700 V/mil	24
WW-CP-201P	10mil	100ft	2in	BLACK-PRINTED	20lb/in	700 V/mil	24
WW-CP-202	20mil	100ft	2in	BLACK	35lb/in	550 V/mil	24
WW-CP-202P	20mil	100ft	2in	BLACK-PRINTED	35lb/in	550 V/mil	24
WW-CP-401	10mil	100ft	4in	BLACK	20lb/in	700 V/mil	12

## Glass Cloth Tapes

For insulating and protecting high-temperature connections on solid dielectric cable thru 600 volts

Voltage Rating	600V	Water Absorption	0.06%
Thickness (mils)	7	Ozone Resistance	Pass
Breaking Strength (lb/in)	171	UV Resistance	Pass
Dielectric Strength (kV)	2.5	Dissipation Factor (%)	0.005
Insulation Resistance (MOhm)	5000	Volume Resistivity	1x10 <sup>15</sup>
Adhesion to Steel (lb/in)	1	Fusion	(78.74 mils max.) No Flag
Strength Elongation (%)	105	Heat Resistance	266°F / 130°C
		Emergency Overload	266°F / 130°C



PART NUMBERS	LENGTH	WIDTH	COLOR	MATERIAL	PACKAGING TYPE	MASTER CARTON QTY
WW-GC-50	66ft	1/2in	WHITE	Glass Cloth, Rubber Adhesive	BOX	50
WW-GC-75	66ft	3/4in	WHITE	Glass Cloth, Rubber Adhesive	BOX	50

## Cambric Tapes

For use in motor coils, lead wires and layer insulation in small transformers

Thickness (mils)	7
Breaking Strength (lb/in)	171
Dielectric Strength (V/mil)	1270
Temperature Rating	365°F / 185°C
Operating Temp.	311°F / 155°C
Emergency Overload	365°F / 185°C



PART NUMBERS	LENGTH	WIDTH	COLOR	MATERIAL	PACKAGING TYPE	MASTER CARTON QTY
WW-CA-75	60ft	3/4in	TAN	Dacron Fabric	BOX	40
WW-CNA-75	60ft	3/4in	TAN	Dacron Fabric	BOX	40

## Arc Proof Tape

For arc and fire proofing all types of cable and cable splices

Thickness (mils)	30	Voltage Rating	15kV
Breaking Strength (lb/in)	40	Tidewater Resistance	Pass
Volume Resistivity	4,4x10 <sup>(13)</sup>	Chemical Resistance	Pass
Thermal Conductivity	2.6 W/mK	Flame Resistance	Pass



PART NUMBERS	LENGTH	WIDTH	COLOR	MATERIAL	PACKAGING TYPE	MASTER CARTON QTY
WW-ARC-30	20ft	3in	GRAY	Elastomeric Compound	CELO WRAP	20

## Semi-Conducting Tape

For electrostatic shielding on high-voltage splices and terminations

Thickness (mils)	30
Breaking Strength (psi)	290
Strength Elongation (%)	750
Operating Temp.	194°F / 90°C
Emergency Overload	266°F / 130°C
Water Absorption	0.02%
UV Resistance	Pass



PART NUMBERS	LENGTH	WIDTH	COLOR	MATERIAL	PACKAGING TYPE	MASTER CARTON QTY
WW-SC-75	15ft	3/4in	BLACK	EPR Rubber	BOX	50

## Shielding Tape

Applications that require positive metallic shielding

Wire Diameter (mils)	5.12
Resistance Maximum	8.38x10(3)
Copper Content of Core (%)*	100

\*excluding tin plate



PART NUMBERS	LENGTH	WIDTH	COLOR	MATERIAL	PACKAGING TYPE	MASTER CARTON QTY
WW-SH-10	15ft	1in	COPPER	Copper Knit Mesh	BOX	20





# EASY-WRAP TAPES

## Duct Tapes

### EWDT-9HD / EWDT-RED / EWDT-BLUE

For hard to bond surfaces, pipe sealing, duct sealing

### EWDT-8

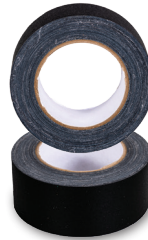
For bundling, sealing, labeling and quick repairs



PART NUMBERS	DESCRIPTION	TAPE THICKNESS	LENGTH	WIDTH	COLOR	MATERIAL	BREAKING STRENGTH	ADHESION TO STEEL	ELONGATION	TEMP. RANGE	PACKAGING TYPE	MASTER CARTON QTY
EWDT-9HD	Easy-Wrap Heavy Duty Duct Tape	9mil	60yd	1.88in	SILVER	Polyethylene Coated Cloth, Rubber Adhesive	24lbs/in	70 oz/in	20%	40°F - 200°F	CELO WRAP	24
EWDT-RED	Easy-Wrap Heavy Duty Duct Tape - Red	9mil	60yd	1.88in	RED	Polyethylene Coated Cloth, Rubber Adhesive	24lbs/in	70 oz/in	20%	40°F - 200°F	CELO WRAP	24
EWDT-BLUE	Easy-Wrap Heavy Duty Duct Tape - Blue	9mil	60yd	1.88in	BLUE	Polyethylene Coated Cloth, Rubber Adhesive	24lbs/in	70 oz/in	20%	40°F - 200°F	CELO WRAP	24
EWDT-8	Easy-Wrap Duct Tape	8mil	55yd	1.88in	SILVER	Polyethylene Coated Cloth, Rubber Adhesive	13.5lbs/in	54 oz/in	20%	32°F - 95°F	CELO WRAP	24

## Gaffer's Tape

Professional grade, cloth-coated tape with a matte-black finish. For use in production settings, no light reflection, no sticky residue left behind



PART NUMBERS	DESCRIPTION	TAPE THICKNESS	LENGTH	WIDTH	COLOR	MATERIAL	BREAKING STRENGTH	ADHESION TO STEEL	ELONGATION	TEMP. RANGE	PACKAGING TYPE	MASTER CARTON QTY
EWGF	Easy-Wrap Gaffers Tape	10.75mil	30yd	1.88in	BLACK	Cloth back, Rubber Adhesive	50lbs/in	75 oz/in	4%	50°F - 180°F	BAG	15

## Painter's Tape

Highly versatile product suitable for use on glass, most wallpaper, metal, wood, and wall board, specially formulated for clean removal



PART NUMBERS	DESCRIPTION	TAPE THICKNESS	LENGTH	WIDTH	COLOR	MATERIAL	BREAKING STRENGTH	ADHESION TO STEEL	ELONGATION	PACKAGING TYPE	MASTER CARTON QTY
EWPT	Easy-Wrap Painters Tape	5.2mil	60yd	1-1/2in	BLUE	Cloth back, Rubber Adhesive	28lbs/in	22 oz/in	10%	BAG	10

## Packing Tape

Clear tape for sealing cartons



PART NUMBERS	DESCRIPTION	TAPE THICKNESS	LENGTH	WIDTH	COLOR	MATERIAL	ADHESION TO STEEL	PACKAGING TYPE	MASTER CARTON QTY
EWPK-2A	Easy-Wrap Acrylic Pack Tape	1.6mil	109yd	1.88in	CLEAR	Polypropylene Film, Acrylic Adhesive	7 oz/in	BOX	36





**To order, contact your  
local sales representative.**