

High Modulus PTFE Film Tape #2253 & #2254

High-Modulus tapes have less elongation and greater tensile strength than plain skived PTFE tapes. 2253 (HM430) comes with acrylic adhesive and 2254/2255 (HM350/650) have silicone adhesives. These films exhibit outstanding dielectric, chemical, temperature, wear, anti-stick and non-toxic properties. All High Modulus tapes are the traditional gray in color. **2253 & 2254** are manufactured from modified PTFE (polytetrafluoroethylene) film coated with pressure sensitive adhesive.

Typical Properties

Product Number	2253-2	2254-2
Backing Material	Film-PTFE	Film-PTFE
Adhesive Type	Acrylic	Silicone
Total Thickness (in.)	.0035	.0035
Backing Thickness (in.)	.0020	.0020
Adhesive Thickness (in.)	.0015	.0015
Adhesion to Steel (oz./in.)	30	35
Tensile Strength (lbs./in.)	30	30
Dielectric Strength (volts)	9500	9500
Elongation (% at break)	150	150
Operating Temperature (°F)	-40 to 350	-40 to 350
Color	Gray	Gray

Values shown are typical. Certified test reports for writing specifications are available.

Andrew Roberts Inc. is a leading converter and fabricator of high performance coated fabrics tapes & belts. Our converting capabilities include:

Die Cutting - Slitting - Sheeting - Heat Sealing - Sewing

High Modulus PTFE Film Tape #2255

2255 is manufactured from modified high modulus PTFE (polytetrafluoroethylene) film coated with high temperature silicone adhesive.

Typical Properties

Product Number	2253-2	2254-2
Backing Material	Film-PTFE	Film-PTFE
Adhesive Type	Acrylic	Silicone
Total Thickness (in.)	.0035	.0035
Backing Thickness (in.)	.0020	.0020
Adhesive Thickness (in.)	.0015	.0015
Adhesion to Steel (oz./in.)	30	35
Tensile Strength (lbs./in.)	30	30
Dielectric Strength (volts)	9500	9500
Elongation (% at break)	150	150
Operating Temperature (°F)	-40 to 350	-40 to 350
Color	Gray	Gray

Values shown are typical. Certified test reports for writing specifications are available.

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High Modulus PTFE Film Tape #HM350 & #HM426

HM350 & HM426 is manufactured from high modulus PTFE (polytetrafluoroethylene) film coated with a pressure sensitive adhesive.

Typical Properties

Product Number	HM350	HM426
Backing Material	Film-PTFE	Film-PTFE
Adhesive Type	Silicone	Silicone
Total Thickness (in.)	.0035	.0035
Backing Thickness (in.)	.0020	.0020
Adhesive Thickness (in.)	.0015	.0015
Adhesion to Steel (oz./in.)	25	25
Tensile Strength (lbs./in.)	25	25
Dielectric Strength (volts)	8000	7000
Direct Electrolytic Corr.	1.0	1.0
Elongation (% at break)	150	150
Operating Temperature (°F)	-100 to 500	-100 to 500
Insulation Class (°C)	180	180
Color	White	Gray

Values shown are typical. Certified test reports for writing specifications are available.

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High Modulus PTFE Film Tape #HM430 & #HM650

HM430 & HM650 is manufactured from high modulus PTFE (polytetrafluoroethylene) film coated with a pressure sensitive adhesive.

Typical Properties

Product Number	HM430	HM650
Backing Material	Film-PTFE	Film-PTFE
Adhesive Type	Acrylic	Silicone
Total Thickness (in.)	.0035	.0065
Backing Thickness (in.)	.0020	.0050
Adhesive Thickness (in.)	.0015	.0015
Adhesion to Steel (oz./in.)	25	30
Tensile Strength (lbs./in.)	25	45
Dielectric Strength (volts)	8000	13500
Direct Electrolytic Corr.	1.0	1.0
Elongation (% at break)	150	200
Operating Temperature (°F)	-20 to 350	-100 to 500
Insulation Class (°C)	155	180
Color	White	White

Values shown are typical. Certified test reports for writing specifications are available.

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Die Cutting - Slitting - Sheeting - Heat Sealing - Sewing