

CHR® Pressure-Sensitive Adhesive Tapes

Rulon®

The abrasion resistant PTFE. Rulon offers superior (500X) wear resistance in rotating bearing tests, and its low coefficient of friction, high operating temperature (500°F) and self lubricating properties make this tape an excellent choice for liners, and chute and rail coverings.

Skived PTFE

The non-stick standard. T-Series film tapes are white in color with silicone adhesives and are well suited for packaging equipment and heat sealing applications, as well as graphic arts, electrical insulation and general purpose industrial use. 2042 comes with acrylic adhesive, 2045 with silicone; both are the traditional gray in color.

Skived, High-Modulus PTFE

The less stretch PTFE. 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/white in color.

Features/Benefits

- Non- toxic
- Weather resistant
- Self lubricating
- Chemical and heat resistant
- Available in both low temperature acrylic and high temperature clean release silicone adhesive
- Available in thicknesses from 2.0-20 mils
- Meets MIL spec requirements

Extruded, High-Modulus PTFE, Oriented, Extruded and High Modulus PTFE

The ultimate roller wrappers. Extruded high-modulus and especially oriented extruded PTFE films are the ultimate in durability, low stretch/high strength, high temperature, non-stick protection for lamination lay ups and roll-end wraps. 2275 and 2285 are popular in plastic extrusion to protect the exposed roll ends from molten plastic. Sometimes fabricated into belts, the release and stability properties are especially important on those long production runs.

Ultra High Molecular Weight Polyethylene

The tough, long lasting tape. Both 2302 (acrylic) and 2300 (rubber) adhesive coated UHMW film tapes offer extreme abrasion resistance, low friction and non-stick performance at lower temperatures (225°F limit) compared to PTFE. Excellent choice for sliders, rail covers in automated packaging and bearing surfaces

Industrial Non-Stick

CHR® tapes combine the release industry's two best substrates—CHEMFAB® PTFE coated/laminated glass fabrics and FLUORGLAS® molded and extruded PTFE films—to produce a powerhouse of release, non-stick and low friction tapes. Whether it's for masking in PE extrusion coating or disposable release surfaces for vinyl window welding, Saint-Gobain Performance Plastics is well known for providing a variety of solutions for every price range.



PVC extrusion welding, platen cover



Orange overcoat masking tape on chill roll

CHR® Pressure Sensitive Adhesive Tapes — Industrial Non-Stick

Part Number	Color	Adhesive	Backing Thickness mil (mm)	Total Thickness mil (mm)	Elongation (%)	Tensile lbs./in. (kg/cm)
RU	Rose	Silicone	8.0 (0.203)	10.0 (0.250)	225	20 (3.6)
RU101	Rose	Acrylic	8.0 (0.203)	10.0 (0.250)	225	20 (3.6)
2042-2	Gray	Acrylic	2.0 (0.051)	3.5 (0.089)	300	15 (2.7)
2042-3	Gray	Acrylic	3.0 (0.076)	4.5 (0.114)	375	20 (3.6)
2042-5	Gray	Acrylic	5.0 (0.127)	6.5 (0.165)	400	30 (5.4)
2042-10	Gray	Acrylic	10.0 (0.250)	11.5 (0.292)	450	55 (10.7)
2045-2	Gray	Silicone	2.0 (0.051)	3.5 (0.089)	325	15 (2.7)
2045-3	Gray	Silicone	3.0 (0.076)	4.5 (0.114)	350	20 (3.6)
2045-5	Gray	Silicone	5.0 (0.127)	6.5 (0.165)	400	30 (5.4)
2045-10	Gray	Silicone	10.0 (0.250)	11.5 (0.292)	450	60 (10.8)
2253-2/HM430	Gray/White	Acrylic	2.0 (0.051)	3.5 (0.089)	150	30 (5.4)
2254-2	Gray	Silicone	2.0 (0.051)	3.5 (0.089)	150	30 (5.4)
2255-2/HM350	Gray/White	Silicone	2.0 (0.051)	3.5 (0.089)	150	30 (5.4)
2255-3	Gray	Silicone	3.0 (0.076)	4.5 (0.114)	175	45 (8.0)
2255-5/HM650	Gray/White	Silicone	5.0 (0.127)	6.5 (0.165)	175	60 (10.8)
2255-6	Gray	Silicone	6.0 (0.152)	7.5 (0.191)	200	65 (11.8)
T	White	Silicone	3.0 (0.076)	6.0 (0.152)	275	25 (4.5)
TH	White	Silicone	10.0 (0.250)	12.5 (0.318)	300	60 (10.8)
TV	White	Silicone	5.0 (0.127)	6.5 (0.165)	275	30 (5.4)
TV-350	White	Silicone	2.0 (0.051)	3.5 (0.089)	250	25 (4.5)
2265-2	Gray	Silicone	2.0 (0.051)	3.5 (0.089)	200	25 (4.5)
2265-5	Gray	Silicone	5.0 (0.127)	7.0 (0.178)	250	65 (11.8)
2275-2	Rust	Silicone	2.3 (0.058)	4.2 (0.106)	110	45 (8.0)
2283-2	Orange	Acrylic	2.0 (0.051)	4.0 (0.102)	150	30 (5.4)
2285-2	Orange	Silicone	2.0 (0.051)	3.5 (0.089)	175	30 (5.4)
2285-5	Orange	Silicone	5.0 (0.127)	6.5 (0.165)	200	75 (13.0)
2300-5R	Clear	Rubber	5.0 (0.127)	7.0 (0.178)	350	40 (7.0)
2300-10R	Clear	Rubber	10.0 (0.250)	12.0 (0.305)	400	80 (14.5)
2302-3R	Clear	Acrylic	3.0 (0.076)	4.5 (0.114)	300	20 (3.6)
2302-5R	Clear	Acrylic	5.0 (0.127)	6.5 (0.165)	350	40 (7.0)
2302-10R	Clear	Acrylic	10.0 (0.250)	11.5 (0.292)	425	80 (14.5)
2302-20R	Clear	Acrylic	20.0 (0.50)	21.5 (0.546)	500	145 (26.3)

Important note to purchaser: Values shown are typical and are not to be used for specifications. All data is subject to change without notice. Before using, the user should determine the suitability of the product for its intended use, and the user assumes all risk and liability in connection therewith. Specifications are also subject to change without notice.



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