

PRECISIONUHMW™ ***UHMW Tape***
Acrylic Adhesive Backing

PRECISIONUHMW™ is made from ultra-high molecular weight polyolefin with an aggressive acrylic adhesive system. It is much more abrasive resistant and puncture resistant than polytetrafluoroethylene (PTFE) coated fiberglass tape, but with a similar non-stick and low coefficient of friction surface. U.H.M.W. film complies with FDA regulation 21 CFR 177.1550, “article intended for contact with food.” U.H.M.W. is suitable for use in temperatures up to 125° F.

Features and Benefits

- Wear strips, chute linings to decrease friction and wear
- Guide rails, work surfaces
- Bearing surfaces
- Sliding surfaces
- Furniture drawer slides

Physical Properties

Product Number	PC UHMW-3A	PC UHMW-5A	PC UHMW-10A
Backing Thickness (mil)	3	5	10
Adhesive Thickness (mil)	2	2	2
Breaking Strength (lb. / inch of width)	20	35	60
Operating Temperature Range	-40°F to +125°F	-40°F to +125°F	-40°F to +125°F
Adhesion (oz. / inch of width)	30	30+	50+
Elongation (%)	300	300	300
Coefficient of Friction	0.10 – 0.22	0.10 – 0.22	0.10 – 0.22

These product properties are suggestive and all products can be customized or converted to fit specific application requirements. Please contact us to discuss your unique application needs.