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Antistatic UHMW Polyethylene Tape

403-5 BNC

Product Description

This product is a pressure sensitive tape using a black, non-conductive ultra high molecular weight (UHMW) polyethylene film with an aggressive elastomeric adhesive. The UHMW film provides an excellent low friction, non-stick surface, in many ways similar to PTFE. The film has a very high tensile strength and very tough and abrasion resistant.

Application Information

These tapes are used primarily in mechanical applications such as chute liners, wear pads and guide rails. They are also used as guide surfaces or pads on such items as a computer mouse.

Technical Properties

Property	Test Method	Characteristic
Backing Material		Black UHMW Film
Backing Thickness (in)		0.005
Adhesive System		Elastomeric
Adhesive Thickness (in)		0.005
Adhesion (oz/in)	ASTM-D-1000	90
Tensile Strength (lb/in)	ASTM-D-3759	30
Elongation (%)	ASTM-D-3759	300
Max Operating Temperature (F)		200

NOTE:

1. When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminants such as powder, dust, or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.
2. The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes