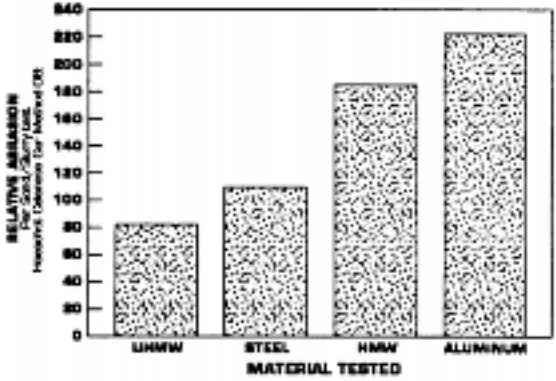


GENERAL FACT SHEET

LINER WEIGHTS AND PROPERTIES

	HEAVY DUTY U.H.M.W. Ultra High Molecular Weight Polyethylene	MEDIUM DUTY H.M.W. High Molecular Weight Polyethylene										
WEIGHT:	*1/2" 2.5 lbs/sf 3/8" 1.875 lbs/sf 1/4" 1.25 lbs/sf	3/8" 1.875 lbs/sf 1/4" 1.25 lbs/sf										
ABRASION RESISTANCE:	<p>Excellent - Three to four times more wear resistant than aluminum; two to three times better than Steel. Donovan's UHMW has the greatest abrasion resistance compared to carbon steel, aluminum and HMW. (Refer to Graph) Lower numbers represent greater abrasion resistance.</p>  <table border="1"> <caption>Relative Abrasion Data from Graph</caption> <thead> <tr> <th>Material Tested</th> <th>Relative Abrasion (Per Sq. Inch/1000 Lbs. Impact)</th> </tr> </thead> <tbody> <tr> <td>UHMW</td> <td>~100</td> </tr> <tr> <td>STEEL</td> <td>~110</td> </tr> <tr> <td>HMW</td> <td>~180</td> </tr> <tr> <td>ALUMINUM</td> <td>~220</td> </tr> </tbody> </table>		Material Tested	Relative Abrasion (Per Sq. Inch/1000 Lbs. Impact)	UHMW	~100	STEEL	~110	HMW	~180	ALUMINUM	~220
Material Tested	Relative Abrasion (Per Sq. Inch/1000 Lbs. Impact)											
UHMW	~100											
STEEL	~110											
HMW	~180											
ALUMINUM	~220											
FRictional PROPERTIES:	Self-Lubricating with High-Slip/ Non-Freeze Properties	Excellent High-Slip/ Non-Freeze Properties										
IMPACT RESISTANCE:	Extremely High: Similar to steel. Izod impact tests per ASTM D256 (resistance of plastic to breakage by flexible shock): Donovan Liner would not break.	Fair: Impact resistance is reduced by 50-70% at below zero temperatures.										
CHEMICAL RESISTANCE:	Compatible with most toxic, acidic, and basic compounds	Compatible with most toxic, acidic, and basic compounds										
TEMPERATURE:	High 1/2" 350° F 3/8" & 1/4" 180° F Low -200° F	High 150° F Low -50° F										

*Compatible with Hot Asphalt up to 350° F

SHIPPING INFORMATION

FREIGHT CLASS:	125	125
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