



**Western Industries Inc.**

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## K36 & K45 Mil BT1 & BT2

**A Heavy Duty, Textured, String Reinforced  
Polyethylene. Perfect for High Traffic Areas.**

PROPERTIES	Test Method	K36 Minimum Roll Averages	(1-Side) Typical Roll Averages	K36 Minimum Roll Averages	(2-Side) Typical Roll Averages	K45 Minimum Roll Averages	(1-Side) Typical Roll Averages	K45 Minimum Roll Averages	(2-Side) Typical Roll Averages
<b>Appearance</b>		Black	Black	Black	Black	Black	Black	Black	Black
<b>Thickness</b>		32 mil	36 mil	32 mil	36 mil	40 mil	45 mil	40 mil	45 mil
<b>Asperity Hgt.</b> (per side)	ASTM D 7466		>20 mil		>20 mil		>20 mil		>20 mil
<b>Weight</b> Lbs/MSF, (Oz/Yd)		156 lbs (22.5)	173 lbs (25)	156 lbs (22.5)	173 lbs (25)	198 lbs (28.52)	220 lbs (31.70)	198 lbs (28.52)	220 lbs (31.70)
<b>Construction</b>									
<b>*Ply Adhesion</b> LBF/IN	ASTM D 6636	31 lbs or FTB	34 lbs or FTB	31 lbs or FTB	34 lbs or FTB	34 lbs or FTB	38 lbs or FTB	34 lbs or FTB	38 lbs or FTB
<b>Tensile Strength</b> LBF/IN	ASTM D 7003	183 lbf MD 165 lbf TD	201 lbf MD 180 lbf TD	183 lbf MD 165 lbf TD	201 lbf MD 180 lbf TD	187 lbf MD 182 lbf TD	211 lbf MD 195 lbf TD	187 lbf MD 182 lbf TD	211 lbf MD 195 lbf TD
<b>Tensile Elongation At Break %</b> (Film Break)	ASTM D 7003	580 MD 400 TD	633 MD 589 TD	580 MD 400 TD	633 MD 589 TD	630 MD 490 TD	797 MD 580 TD	630 MD 490 TD	797 MD 580 TD
<b>Tensile Elongation At Break %</b> (Scrim Break)	ASTM D 7003	32 MD 30 TD	36 MD 33 TD	32 MD 30 TD	36 MD 33 TD	34 MD 31 TD	37 MD 33 TD	34 MD 31 TD	37 MD 33 TD
<b>Tongue Tear Strength</b>	ASTM D 5884	112 lbf MD 96 lbf TD	122 lbf MD 106 lbf TD	112 lbf MD 96 lbf TD	122 lbf MD 106 lbf TD	150 lbf MD 123 lbf TD	159 lbf MD 132 lbf TD	150 lbf MD 123 lbf TD	159 lbf MD 132 lbf TD
<b>Grab Tensile</b> (Scrim Break)	ASTM D 7004	340 lbf MD 325 lbf TD	354 lbf MD 338 lbf TD	340 lbf MD 325 lbf TD	354 lbf MD 338 lbf TD	378 lbf MD 361 lbf TD	408 lbf MD 372 lbf TD	378 lbf MD 361 lbf TD	408 lbf MD 372 lbf TD
<b>Grab Tensile Elong. @ Break %</b> (Scrim Break)	ASTM D 7004	28%	30%	28%	30%	30%	32%	30%	32%
<b>High Pressure OIT</b> (HPOIT)	ASTM D 5885	1000 min	2400 min	1000 min	2400 min	1000 min	2400 min	1000 min	2400 min
<b>Puncture Resistance</b>	ASTM D 4833	138 lbf	153 lbf	138 lbf	153 lbf	144 lbf	163 lbf	144 lbf	163 lbf
<b>Max. Use Temp.</b>			180°F		180°F		180°F		180°F
<b>Min. Use Temp.</b>			-70°F		-70°F		-70°F		-70°F

*These values are typical data and are not intended as limiting specifications.*