

NOTES:

This information is to be used only as a guide.  
 Products on this list can change without notice.

MTDOT QPL website: <http://www.mdt.mt.gov/business/contracting/qpl.shtml>

## MTDOT 1995 SPECIFICATIONS

### TABLE 713-1

PROPERTY	TEST METHOD	GEOTEXTILES								GEOMEMBRANES	
		DRAINAGE		EROSION CONTROL		SEPARATION/ STABILIZATION		SEDIMENT CONROL	PAVING	LIQUID/VAPOR BARRIER	
		LIGHT	HEAVY	CL I	CL II&III	MEDIUM SURVIVE	HIGH SURVIVE			LIGHT	HEAVY
Grab Strength (lbs)	ASTM D4632	80	180	90	200	180/115**	270/180**	90	80	NA	NA
Grab Elong %	ASTM D4632	NA	NA	15	15	<50% / >50%	<50% / >50%	50% Max @ 45 lbs	50	NA	NA
Puncture 60 (lbs)	ASTM D4833	25	80	40	80	70/40**	100/75**	NA	NA	30 ***	60 ***
Trap Tear (lbs)	ASTM D4533	25	50	30	50	70/40**	100/75**	NA	NA	NA	NA
App. Opening Size (Max)	ASTM D4751	50	30	40	40	40	40	20	NA	NA	NA
Flow (g/m/sf)	ASTM D4491*	80	70	70	25	*	*	15	NA	0	0
UV Deg. 70% Ret.	ASTM D4355	150 Hrs	150 Hrs	150 Hrs	150 Hrs	150 Hrs	150 Hrs	500 Hrs	NA	NA	NA
Melting Point (Deg. F)	ASTM D276	NA	NA	NA	NA	NA	NA	NA	300	NA	NA
Asphalt Ret. (Gal/Yd <sup>2</sup> )	AASHTO M288	NA	NA	NA	NA	NA	NA	NA	0.2	NA	NA
Thickness Mils	ASTM D3765*	NA	NA	NA	NA	NA	NA	NA	NA	30	60
CSI Product		140NL	170N	140NL	180N	500X	600X/3631/170N	NA	MP400		NA

\* Modified

\* Flow rates will be specified in the Special Provisions.

\*\* Geotextile with <50% elongation require the higher grab, puncture, and trap tear strength values.

\*\*\* Test method for puncture will be in accordance with FTMS 101C-Method 2065.