

# Miller Environmental Products Inc.

## Film Comparison

### Miller MBE20M Liner VS 30 MIL PVC

| General    | MBE20M                                  | 30 MIL PVC               |
|------------|-----------------------------------------|--------------------------|
| Appearance | Black/Opaque                            | Gray/Opaque              |
| Thickness  | 20 MIL                                  | 30 Mil                   |
| Material   | Linear Low Density Polyethylene (LLDPE) | Polyvinyl Chloride (PVC) |

| Mechanical                              |          |         |
|-----------------------------------------|----------|---------|
| *Tensile Strength<br>ASTM D882          | 80lbs    | 73lbs   |
| *Elongation @<br>Break<br>ASTMD882      | 700%     | 350%    |
| *Tear Resistance<br>ASTM D1004          | 11.4 lbs | 8.5 lbs |
| *Dimensional<br>Stability<br>ASTM D1204 | <2%      | 3%      |
| Hydrostatic Burst<br>ASTM D751          | 118 PSI  | 100PSI  |

\*Average of machine and transverse directions.

\*\*Miller Mbe20M values are minimum roll over values from Miller Environmental Specification. PVC Product values are typical property values as specified by the PVC Geomembrane institutes' PG1197 Specification for PVC Geomembrane.

Note: To the best of our knowledge these are typical property values and are intended as Guides only and not specification limits.