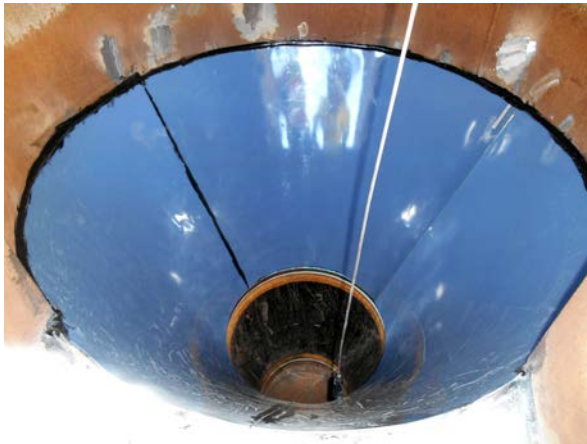


## K-Slip® Rubber Backed UHMWPE Flow Liner



The **K-Slip® Rubber Backed UHMWPE Flow Liner** features a low co-efficient of friction polyethylene lining material, with a synthetic rubber backing (SBR). The thin flexible nature of Kinder Australia's K-Slip® Rubber Backed UHMWPE Flow Liner allows almost any complicated shape to be lined including bins, hoppers, and chutes, providing a uniform and therefore controlled rate of flow. The installation to a metal surface is by normal cold rubber bonding.

The flow of very fine particles, although not a high wear problem, does present a new challenge in the way in which it flows. Fine non-abrasive particles having passed through the crushing and grinding circuit, may be required to flow through complicated shaped chutes where restricted head room limits the advantage of effective chute design.

Lining with a conventional low friction material can be difficult to install in complicated transition and confined points.

Round corners and acute angles do not fix well with fasteners; in fact, they often provide another point on which the material can bridge.

When handling mineral concentrates especially, these material types tend to hang up on any surface and at any angle. Kinder Australia's K-Slip® Rubber Backed UHMWPE Flow Liner has been used successfully to overcome many of these flow problems.



Part No.	Rubber backed UHMWPE Sheet (mm) *	Minimum Bend Radius
K-SLIP-1+1	900 x 1800 x 2mm thick *	15mm
K-SLIP-1+2	900 x 1800 x 3mm thick *	50mm
K-SLIP-1+3	900 x 1800 x 4mm thick *	90mm
K-SLIP-1+4	900 x 1800 x 5mm thick *	130mm
K-SLIP-1+5	900 x 1800 x 6mm thick *	Contact Kinder
K-SLIP-1+9	900 x 1800 x 10mm thick *	Contact Kinder
K-SLIP-1+10	900 x 1800 x 11mm thick *	Contact Kinder

\* Thickness includes 1mm rubber backing.

<b>Density:</b>	0.94g/cm <sup>3</sup> (ASTM D1505)
<b>Melting Point:</b>	136° C (ASTM D2117)
<b>Durometer Hardness:</b>	67 Shore D (ASTM D2240)
<b>Heat Distortion Temperature:</b>	80° C (ASTM D648, 45.1N/cm <sup>2</sup> )
<b>Kinetic Friction Co-Efficient:</b>	0.15 for dry materials (ASTM D1894) As low as 0.06 for lubricated materials