



## Water-Based Lubricants – Comparison Chart 1390 Firestone Parkway Akron, Ohio 44301

1-800-772-3452 [sales@apvcoatings.com](mailto:sales@apvcoatings.com) [www.apvcoatings.com](http://www.apvcoatings.com)

Product	Q-0020	Q-0080	Q-0960	Q-0410	Q-8580	Q-0035	Q-0133	Q-0658
<b>Description</b>	Whitslik 4 Mold Release	Water Based Mold Release	Whitslick 15 Inside Tire Lubricant	Inside Tire Lubricant	Inside Tire Lubricant with Gray Tint	Whitslik 20NH Bladder Lube & Release Coating	Tire Mounting Lube For uniformity machines	Tire Mounting Lube Concentrate
<b>Product Type</b>	Curable Silicone	Non-Curable Silicone	Curable Silicone No-Mica	Non-Curable Silicone with 10% Mica	Non-Curable Silicone with 10% Mica	Silicone Based Lube, Air dries to form coating	Non-Silicone	Non-Silicone
<b>Color</b>	White Emulsion	White Emulsion	White Emulsion	Tan Emulsion	Gray Emulsion	White Emulsion	Neutral Solution	Neutral Solution
<b>Features// Comments</b>	Semi-permanent. Does not transfer onto molded part.	Multi-irelease mold lubricant	Excellent slip and release. Transfers onto bladders to maintain release	Excellent slip and release. 10% Mica promotes Air bleed	Excellent slip and release Gray Tint aids holographic Inspection	Used on new bladders, or on old bladders as a refresher	Eliminates rim-slip Contains rust inhibitor.	Concentrated version of Q-0133. Dilute 4:1 with de-ionized water
<b>Substrate</b>	Aluminum or steel molds	Aluminum or steel molds	Tire Innerliners	Tire Innerliners	Tire Innerliners	New Or Old bladders	Tire beads and Metal Tire Rims	Tire beads and Metal Tire Rims
<b>Application Method</b>	Spray	Spray	Spray	Spray	Spray	Spray, swab, brush	Spray, swab, brush	Spray, swab , brush
<b>Film Thickness</b>	< 1 mil	< 1 mil	< 1 mil	1.0 mil wet / 0.2 mil dry	1.0 mil wet / 0.2 mil dry	1.0 mil wet / 0.2 mil dry	< 1 mil	< 1 mil
<b>Solution Properties</b>								
<b>Viscosity, cps</b>	7	7	300-500	2000 -3000	2000 -3000	800-1200	Water thin	Water thin
<b>Percent Solids</b>	4.0 ± 0.3%	4.0 ± 0.3%	15.9 ± 1.0%	24.5 ± 2.0 %	24.8 ± 2.0 %	20.00%	1.0 ± 0.5%	5.0 ± 0.5%
<b>pH</b>	5.0 - 7.0	7.0 ± 1.0	6.0 - 8.0	Measure only	6.8 ± 0.5		8.0 - 9.0	8.0 - 9.0
<b>Density, lb/gal</b>	8.34 ± 0.3	8.3 ± 0.3	8.25 ± 0.30	8.90 ± 0.30	8.93 ± 0.30	8.37 ± 0.30	8.36 ± 0.30	8.45 ± 0.30
<b>Specific gravity</b>	1.00	1.00	0.99	1.07	1.07	1.00	1.00	1.01
<b>VOC</b>	0	0	0.03 wet/ 0.15 dry	0.03 wet				
<b>Clean solvent</b>	Water	Water	Water	Water	Water	Water	Warm water	Warm water
<b>Shelf life</b>	6 months	1 year	6 months	1 year	1 year	1 year	1 year	1 year