

Physical Properties	Flexane® 80 Liquid	Flexane® 94 Liquid	Edge & Seal (1-35)	High Temp Edge & Seal (1-36)
Color	Black	Black	Black	Amber
Mix ratio by weight (resin:hardener)	77:23	69:31	80:20	80:20
Mixed viscosity cps	10,000	6,000	5,000	12,000
Pot life minutes @ 75 °F	30	10	3	3
Specific volume inches <sup>3</sup> /pound	26.5	26.5	26.5	25.0
Coverage per pound inches <sup>2</sup> @ 1/4" thickness	106	106	106	100
Functional cure hours	16	16	1.5	1.0
Demolding time hours	10	5	N / A	N / A
Cured hardness(ASTM D2240) Shore A	87	97	94	94
Cured shrinkage(ASTM D2566) inch/inch	0.0018	0.0014	0.0014	0.0014
Tensile strength(ASTM D412) psi	2,100	2,800	3,300	3,300
Tear resistance(ASTM D624) pli	350	415	430	515
Abrasion resistance (weight loss <sup>4</sup> )	285	330	250	88
Maximum elongation(ASTM D412) %	650	500	450	350
Dielectric strength(ASTM D149) volts/mil	350	350	350	350
Maximum continuous service temperature °F wet	120	120	120	250
Maximum continuous service temperature °F dry	180	180	180	350

Notes: <sup>4</sup> Taber H-18 wheel (mg/1000 revolutions @1000 gram load)

Key: ● Excellent ◐ Very Good ○ Fair ⊖ Poor

Chemical Resistance	Flexane® 80 Liquid	Flexane® 94 Liquid	Edge & Seal (1-35)	High Temp Edge & Seal (1-36)
<b>ACIDS</b>				
Acetic 10%	⊖	⊖	○	○
Hydrochloric 10%	◐	◐	○	○
Sulfuric 10%	◐	◐	○	○
Sulfuric 50%	◐	◐	◐	◐
Phosphoric 10%	◐	◐	○	○
<b>ALCOHOLS</b>				
Methanol	⊖	⊖	⊖	⊖
Isopropanol	⊖	⊖	⊖	⊖
<b>KETONES</b>				
Acetone	⊖	⊖	⊖	⊖
Methyl ethyl ketone	⊖	⊖	⊖	⊖
<b>ALKALIS</b>				
Ammonium hydroxide 20%	◐	◐	◐	◐
Sodium hydroxide 10%	◐	◐	◐	◐
<b>HYDROCARBONS</b>				
Gasoline (unleaded)	⊖	⊖	⊖	⊖
Mineral spirits	⊖	⊖	⊖	⊖
<b>SALTS</b>				
Sodium chloride	◐	◐	◐	◐
Trisodium phosphate	◐	◐	◐	◐
Aluminum sulfate 10%	◐	◐	◐	◐
Sodium carbonate 10%	◐	◐	◐	◐