14. The double-sided multi-layer adhesive of claim 1, wherein B comprises a non-siloxane segmented urethane-based unit that comprises at least one urethane group and at least one oxyalkylene group.

15. The double-sided multi-layer adhesive of claim 1, wherein X-B-X comprises a siloxane diacrylate.

16. The double-sided multi-layer adhesive of claim 1, wherein the second layer comprises poly(meth)acrylate, a siloxane, or a siloxane (meth)acrylate.

17. The double-sided multi-layer adhesive of claim 1, wherein the second layer has a 180° Peel Strength which is less than the 180° Peel Strength of the first layer as measured by ASTM test method D 3330-90.

18. A method of preparing an double-sided multi-layer adhesive comprising:

providing a first fluid comprising a polymeric adhesive composition solution or dispersion;

providing a second fluid comprising a curable composition comprising:

at least one X-B-X reactive oligomer, wherein X comprises an ethylenically unsaturated group, and B comprises a non-siloxane containing segmented urea-based unit, a non-siloxane containing segmented urethane-based unit, or a siloxane-based unit, and an initiator;

coating the first fluid and the second fluid onto a substrate; and

curing the curable composition.

19. The method of claim 18, wherein coating the first fluid and the second fluid onto a substrate comprises simultaneous slot die coating of the two fluids.

20. The method of claim 19, wherein the second fluid is coated over a coating of the first fluid.

14. The double-sided multi-layer adhesive of claim 1, wherein B comprises a non-siloxane segmented urethane-based unit that comprises at least one urethane group and at least one oxyalkylene group.

15. The double-sided multi-layer adhesive of claim 1, wherein X-B-X comprises a siloxane diacrylate.

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coating the first fluid and the second fluid onto a substrate; and

curing the curable composition.

19. The method of claim 18, wherein coating the first fluid and the second fluid onto a substrate comprises simultaneous slot die coating of the two fluids.

20. The method of claim 19, wherein the second fluid is coated over a coating of the first fluid.