



## Overview of different types of Protein glues

GLUE TYPES	GEL STRENGTH	VISCOSITY	MECHANICAL STRENGTH	ELASTICITY	RESOLUBILITY
Bone Glue	low- med	low-med	low-med	more elastic than hide but more brittle	more so than hide
Hide Glue	High upto 500g	med-high	high	less than bone&fish	yes
Rabbit Skin Glue	High upto 500g	high	high but lower than hide glue	more than hide	yes
Isinglass	med-high	highest	high	more than hide	mixed data
Fish Gelatin from fish skin, bone and cartilage	low-med	med-high	medium	yes but more brittle	yes
Liquid Fish Glue	n.a	high	medium	more than hide but more brittle	yes
Liquid Hide Glue	medium unknown	OBG-medium Titebond-high	high high	less than bone&fish unknown	yes yes

*Some data has been omitted from this report not pertaining to the interest of the woodworker.*

*Reference material used to compile this report are from 91 different sources including Shayne Rivers, Senior Furniture Conservator at the Museum of London and Dr Ambose C.Taylor, Imperial College, London. In reference to Titebond only information gathered as advertised, no scientific data for titebond liquid hide glues is available for the public.*