

ABSTRACT**METHOD FOR IMPROVING ADHESION AND ADHESIVE
BONDING IN FLUOROPOLYMERS**

The present invention is directed to a method for substantially improving the adhesion and adhesive bonding strength of a fluoropolymer surface to (i) another fluoropolymer surface, (ii) to a non-fluorine containing polymer surface, (iii) to a conjugated electroactive polymer surface, or (iv) to a metal surface. More particularly, the invention is directed to a method for modification and functionalization of a gas plasma or ozone pretreated polymer surface via near-UV-light induced or thermally-induced surface graft copolymerization with an epoxide- or glycidyl ether-containing monomer.