

Thermoplastic Polyurethane Elastomer

TPU T51 Series: Thermoplastic Polyurethane Elastomer

TPU T51 series products are the polymer materials which formed by the polymerization reaction among the diphenyl methane diisocyanate, toluene diisocyanate, macromolecular polyol and chain extender. They can be divided into 2 types according to the molecular structure, the polyester series and the polyether series. Products made of TPU T51 series have the advantages of excellent high tensile strength, toughness and ageing resistance. They have the characteristics of high strength, good toughness, abrasion resistance, cold resistance, oil resistance, water resistance, ageing resistance, weather resistance that are unrivaled.

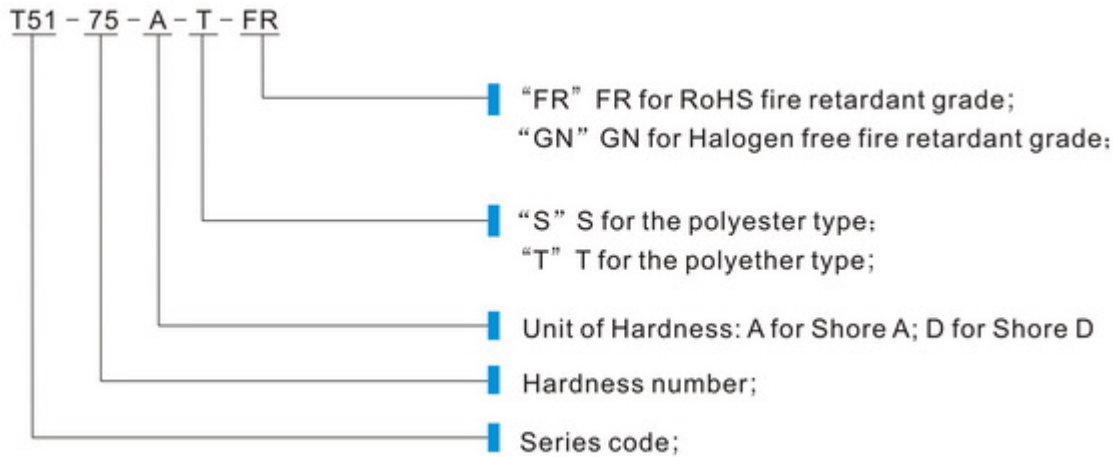


Table of TPU T51 Series Types & Specification

Product Series	Type	Specification	Description
TPU	Polyester series	T51(XX)AS	Wide hardness scale (70A-70D), high transparency, excellent mechanical properties
		T51(XX)DS	
	Polyether series	T51(XX)AT	Wide hardness scale (80A-60D), high transparency, anti-hydrolysis
		T51(XX)DT	
	Fire retardant grade	T51-FR	RoHS fire retardant grade
		T51-GN	Halogen-free fire retardant grade

Application: sealing strip, sealing ring, shoe heel, shell of cell phone, wire of telephone speaker etc.

