

UNIDIRECTIONAL DRY TAPES

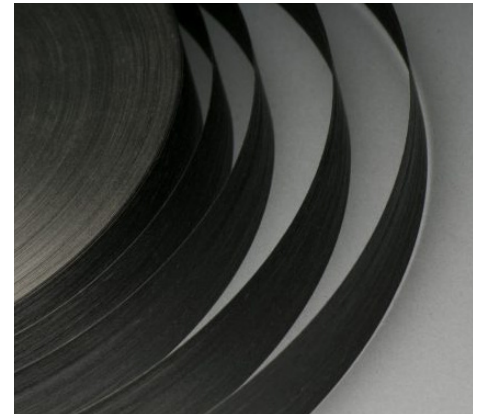
ZOLTEK PX35 Unidirectional Dry Tapes are ideal for a variety of applications such as tape laying or UD tape production. Benefits of tape technology include a reduced scrap rate in the lay-up process compared to fabrics. The scrap rate is reduced into single digit figures.

ZOLTEK PX35 Unidirectional Dry Tapes are available in a variety of widths and feature stabilized edges for easier processing. These tapes have the same drapability and permeability as fabrics for a comparable cost.

AVAILABLE SIZING

Sizes are available for the following resin classes.

THERMOPLASTICS	THERMOSETS
Polypropylene	Epoxy
Polyamide	Vinyl Ester
High Temperature Thermoplastics	Polyester
	Polyurethane



MATERIAL OVERVIEW	UD150	UD200	UD300	UD400	UD500	UD600	UD900V
0° Carbon ZOLTEK PX35 50K (gsm)	158	200	309	404	500	600	865
90° Glass 34 dtex (gsm)	10	10	10	10	10	10	-
Polyester Veil (gsm)	-	-	-	-	-	-	30
Polyester Stitch 76 dtex (gsm)	6	6	6	6	6	6	5
Binder Resin Powder (gsm)	8	8	8	-	-	8	-
Total Fabric Weight (gsm)	182	224	333	419	516	624	900
Cure Thickness (mm)	0.21	0.25	0.37	0.46	0.57	0.69	1
Roll Length (m)	100				50		30
Stitch Pattern	Tricot						1/2 Tricot

The properties listed in this datasheet do not constitute any warranty or guarantee of values. This information should only be used for the purposes of material selection. Please contact us for more details.