

Milliken

Agilus® MTP

Multi-Threat Protection

**ULTRA-FLEXIBLE.
REMARKABLY AGILE.
ALL-IN-ONE PROTECTIVE FABRIC.**

Agilus® MTP offers wearable, multi-threat protection:

STAB



SPIKE



BALLISTIC



A breakthrough in flexible knife resistant material, Agilus® MTP provides a new level of customizable defense. The patented coating technology on p-aramid fabrics actively slows and resists the penetration of knife, spike and ballistic threats. Based on the protection need, Agilus MTP fabrics can easily hybridize with other materials in a vest.

- ▼ Achieve protection without restricting speed or ability to bend and move
- ▼ Enhanced comfort, flexibility and ease of movement makes vests more wearable
- ▼ Allows p-aramid fabrics to achieve knife and spike resistance while maintaining ballistic protection
- ▼ Material is coated on one side, and available in rolled form to optimize ease of handling and manufacturing



Testing Summary

	Ply Weight (gsm)	KR1 ^a Plies	KR1 (kgsm)	5 kgsm V ₅₀ ^b (m/s)	VPAM K1/E2 (kgsm)
Agilus® MTP 600D	215	30	6.5		
Agilus® MTP 930dT	255	27	6.9	389	9.4
Agilus® MTP 1000D	265	27	7.1	350	9.2

Tumble testing per NIJ 0101.06, Section 5 passes
stab testing after 10,000 cycles at NTS Wichita Test Lab

Tested with the coated (white) side as the strike face.

^aHOSDB 2017 Standard

^bV₅₀ tested with 9mm MEN 124 gr projectile with clay backing.

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