



ZYTRONIC BALLISTIC VISOR DATASHEET

Zytronic are manufacturers of specialist glass and plastic composites for ballistic visors and specialised display applications.

Zytronic have developed fully laminated ballistic face visors combining the properties of PMMA and polycarbonate bonded together using a proprietary TPU sheet interlayer.

The bonding of the two materials rather than the traditional air space has demonstrated an improvement in the security and optical quality and clarity of the visors.

The following table illustrates the V50 and V0 performance of Zytronic visors for various thicknesses and threat levels.

Visor Type	Visor Nominal Thickness (mm)	V50 STANAG 2920 17 Grain Fragment (m/s)	Calibre & V0 (m/s)
RVIS 100	8.6	6402	-
RVIS 101	10	449	-
RVIS 102	11	464	-
RVIS 103	13	548	9mm Para @ 360
RVIS 104	15	575	9mm Para @ 410
RVIS 105	15.6	590	9mm Para @ 430
RVIS 106	17	629	357 Magnum @ 410
RVIS 107	17.6	688	357 Magnum @ 430
RVIS 108	19	725	44 Magnum @ 430
RVIS 109	21	794	44 Magnum @ 450 – Tokarev @ 430

Note:

The above information is based upon data obtained under controlled laboratory test conditions and is for guidance only.

Zytronic Displays Limited gives no assurance of and accepts no responsibility for the performance of the product based upon this data.

It is the responsibility of the end user to ensure that the product meets their specific requirements, specifications and applications.