

CFD FLOW SIMULATION

TOURING SCREEN

REF.20728

AERODYNAMIC TEST

DU CAT I M U L T I S T R A D A V 4 S
2 0 2 1 -



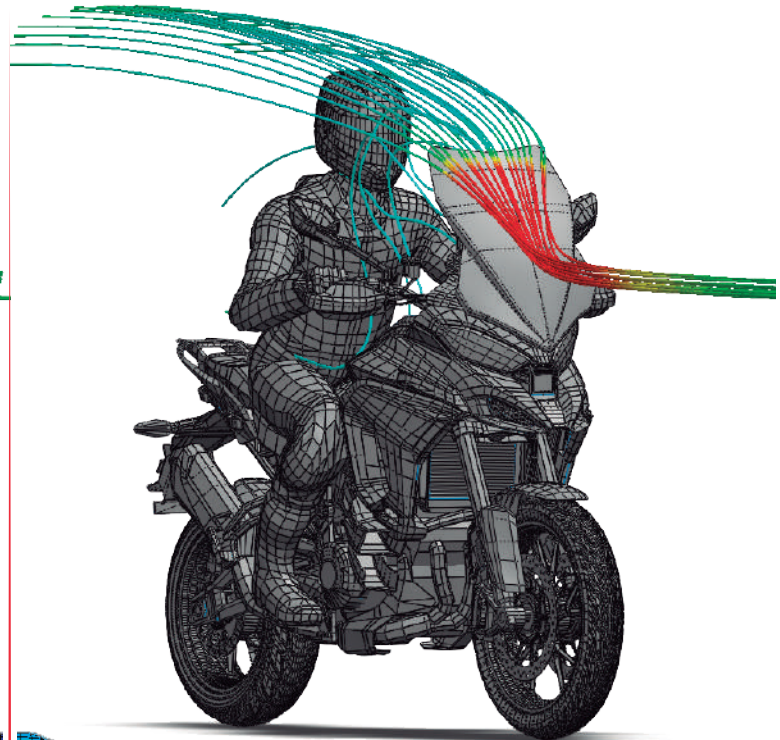
AIR FLOW & PREASSURE COMPARISON

OEM

ORIGINAL SCREEN

Puig
Hi-Tech Parts

TOURING SCREEN



HELMET PROTECTION

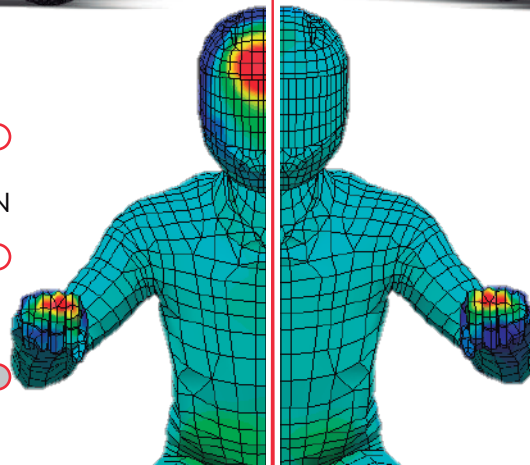
64%

UPPER BODY PROTECTION

90%

LOW BODY PROTECTION

100%



HELMET PROTECTION

100%

UPPER BODY PROTECTION

95%

LOW BODY PROTECTION

100%

LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO 1,35 Kg

INCREASE WIND PROTECTION

67% WITHOUT LOSING C_x

AERODYNAMIC TEST CONDITIONS

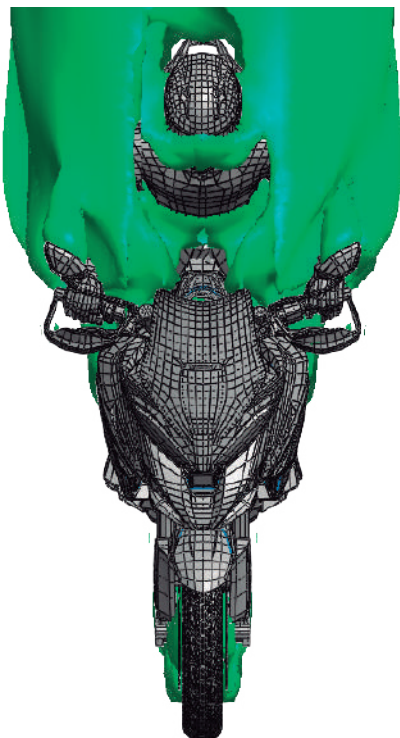
SPEED	150 Km/h	94 mph
RIDER HEIGH	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION	Standard	
LATERAL WIND	No	
SCREEN POSITION	Low	

ACOUSTIC POWER LEVEL COMPARISON

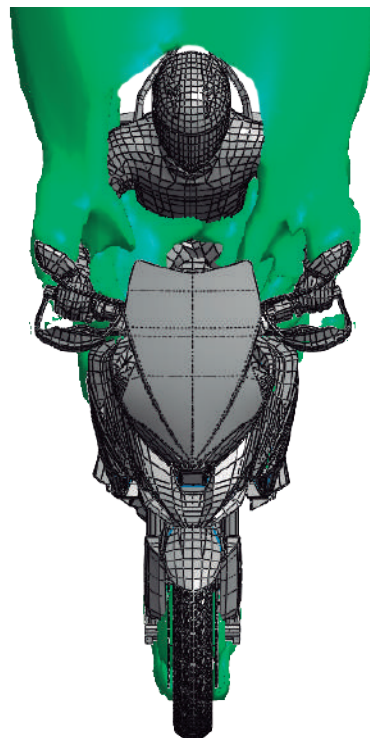
45dB zone:

The green cloud that we can see in the following images defines the area affected by a sound level of 45dB. As we can see, when mounting the Puig Screen, we managed to remove all that annoying sound from the helmet area.

OEM
ORIGINAL SCREEN

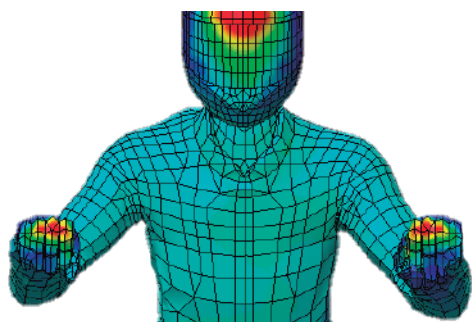


Puig
Hi-Tech Parts
TOURING SCREEN



HAND DEFLECTORS COMPARISON

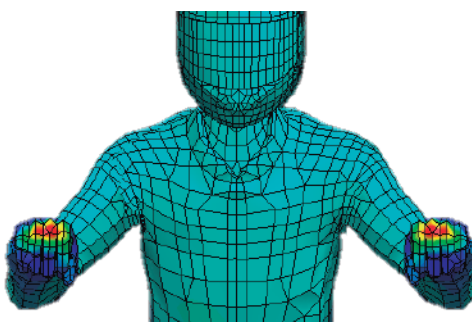
OEM
SCREEN



ARMS & HANDS PROTECTION

86%

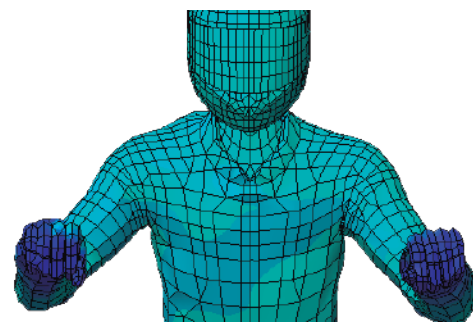
Puig
Hi-Tech Parts
SCREEN



ARMS & HANDS PROTECTION

88%

Puig
Hi-Tech Parts
**SCREEN +
HANDGUARD EXTENSION**



ARMS & HANDS PROTECTION

100%

LOW PRESSURE

HIGH PRESSURE