

CFD FLOW SIMULATION

V-TECH LINE TOURING WINDSHIELD

REF.3757

AERODYNAMIC TEST

KYMC O X - C I T I N G 4 0 0 S
2 0 1 9 -

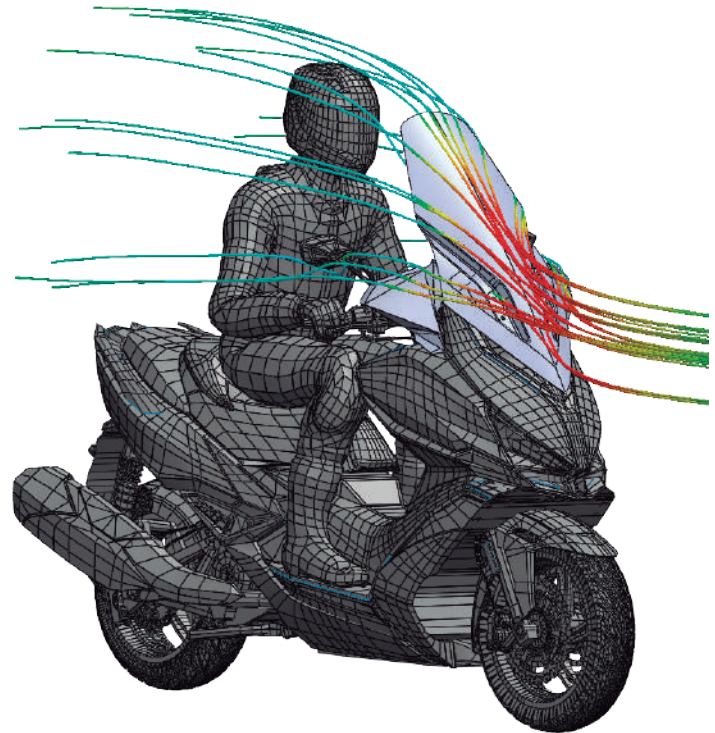


AIR FLOW & PREASSURE COMPARISON

Puig
 Hi-Tech Parts

ORIGINAL SCREEN

TOURING SCREEN



HELMET PROTECTION

21%

UPPER BODY PROTECTION

87%

LOW BODY PROTECTION

90%

HELMET PROTECTION

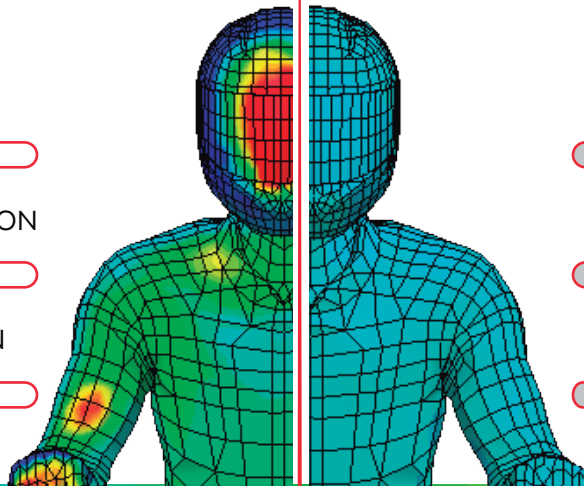
100%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%



LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **2.6 Kg**

INCREASE WIND PROTECTION

99% WITHOUT LOSING C_x

AERODYNAMIC TEST CONDITIONS

VSPEED	120 Km/h	94 mph
RIDER HEIGH	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION	Standard	
LATERAL WIND	No	

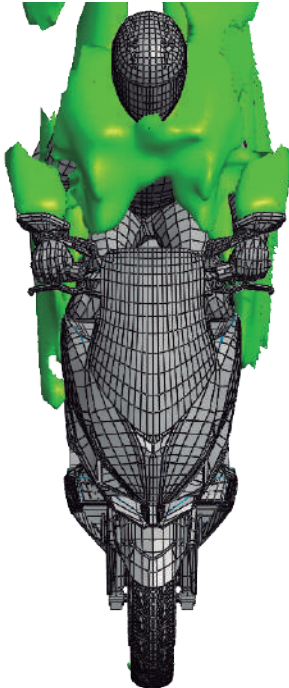
ACOUSTIC POWER LEVEL COMPARISON

55dB zone:

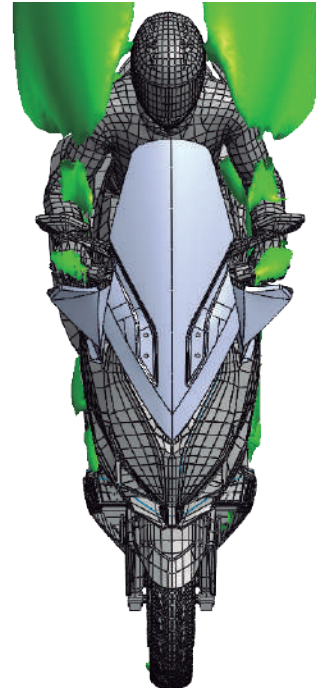
The green cloud that we can see in the following images defines the area affected by a sound level of 55dB. As we can see, when mounting the puig screen, we managed to remove all that annoying sound from the helmet area.

Puig
Hi-Tech Parts

ORIGINAL SCREEN

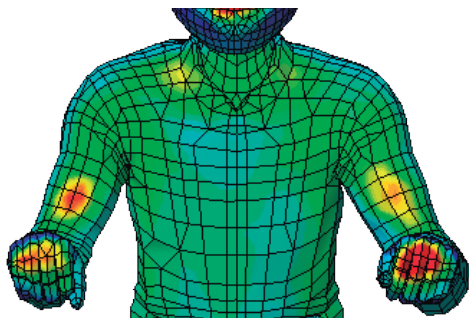


TOURING SCREEN



HAND DEFLECTORS COMPARISON

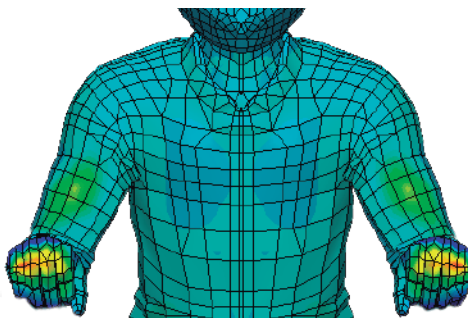
ORIGINAL SCREEN



ARMS & HANDS PROTECTION

61%

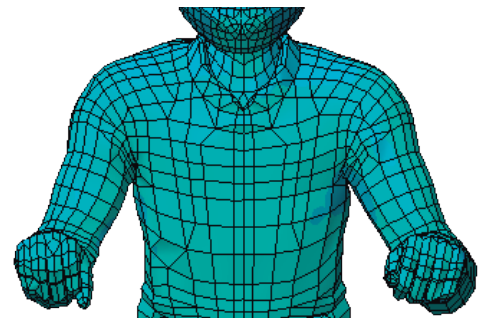
Puig Hi-Tech Parts WITHOUT HAND DEFLECTORS



ARMS & HANDS PROTECTION

82%

Puig Hi-Tech Parts WITH HAND DEFLECTORS



ARMS & HANDS PROTECTION

100%

LOW PRESSURE

HIGH PRESSURE