CFD FLOW SIMULATION

TOURING SCREEN

REF.20585

AERODYNAMIC TEST

HONDA X-ADV
2021-

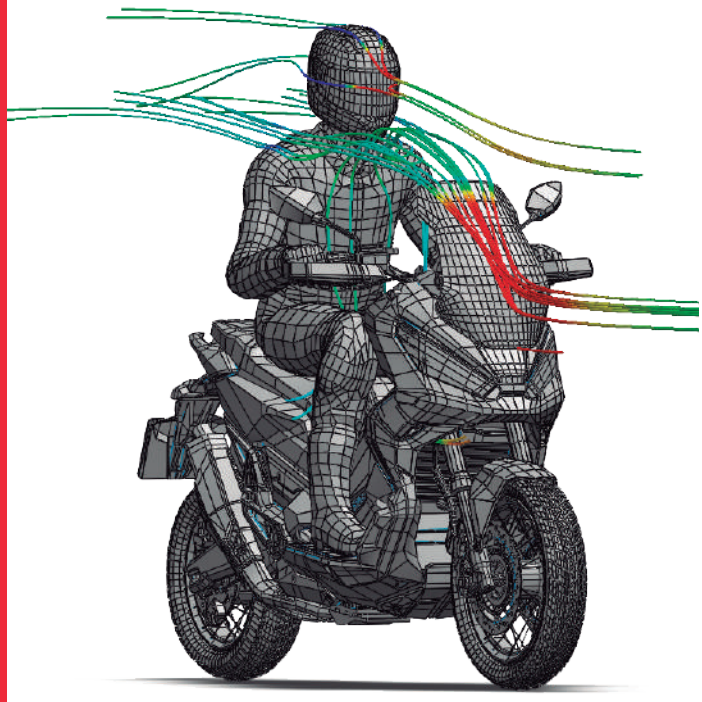
Puig Hi-Tech Parts

CFD FLOW SIMULATION

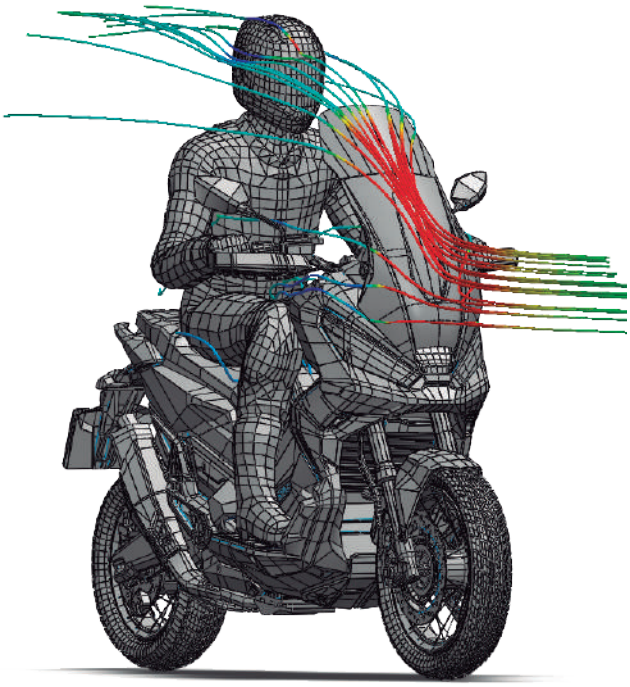
REF.20585

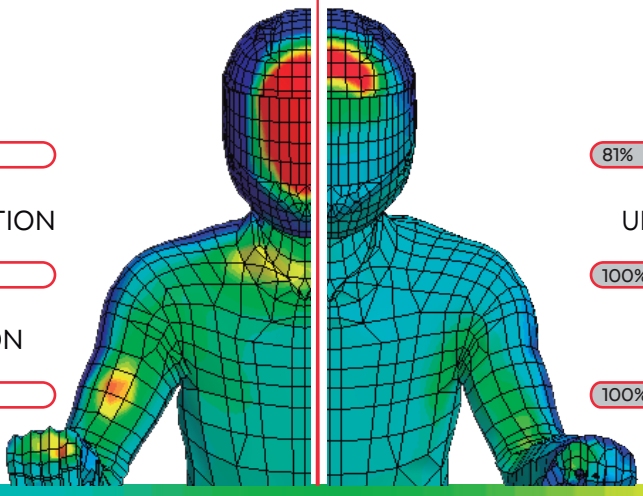
AIR FLOW & PREASSURE COMPARISON

ORIGINAL SCREEN



TOURING SCREEN





HELMET PROTECTION

20%

UPPER BODY PROTECTION

84%

LOW BODY PROTECTION

89%

HELMET PROTECTION

81%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%

LOW PRESSURE — HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH **PUIG SCREEN** IS EQUIVALENT TO **2 Kg**

INCREASE WIND PROTECTION

64% WITHOUT LOSING Cx

AERODYNAMIC TEST CONDITIONS

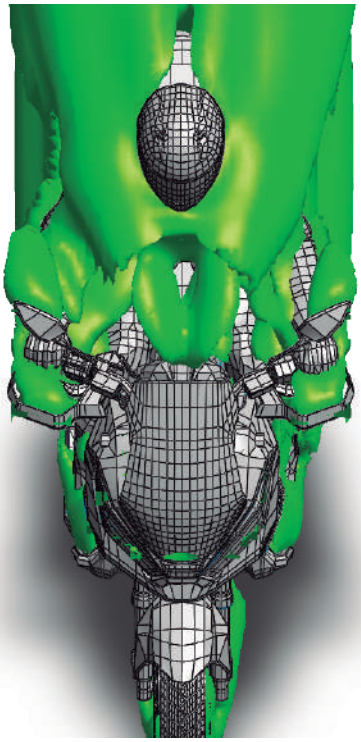
VSPEED	120 Km/h	94 mph
RIDER HEIGH	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION		Standard
LATERAL WIND		No

ACOUSTIC POWER LEVEL COMPARISON

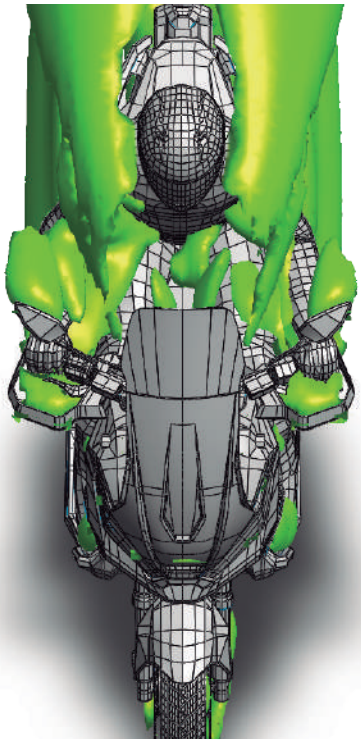
55dB zone:

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.

ORIGINAL SCREEN

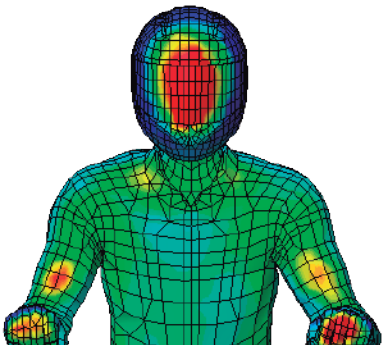


TOURING SCREEN



SCREEN POSITION COMPARISON

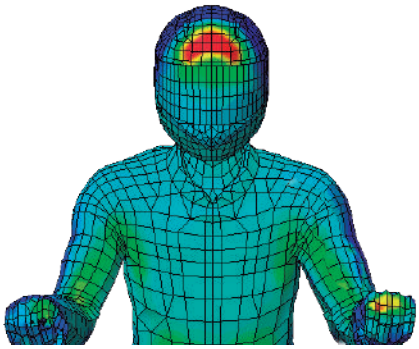
OEM LOW POSITION



HELMET PROTECTION

20%

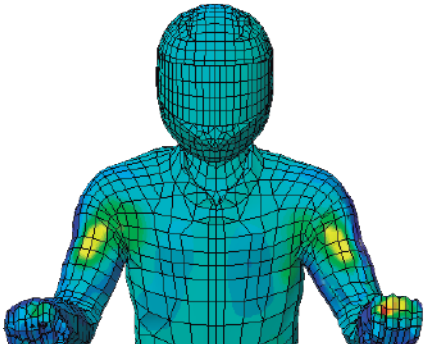
LOW POSITION



HELMET PROTECTION

81%

HIGH POSITION



HELMET PROTECTION

100%

LOW PRESSURE HIGH PRESSURE