CFD FLOW SIMULATION

V-TECH TOURING WINDSHIELD

REF.20574

AERODYNAMIC TEST

HONDA FORZA 750

2021-

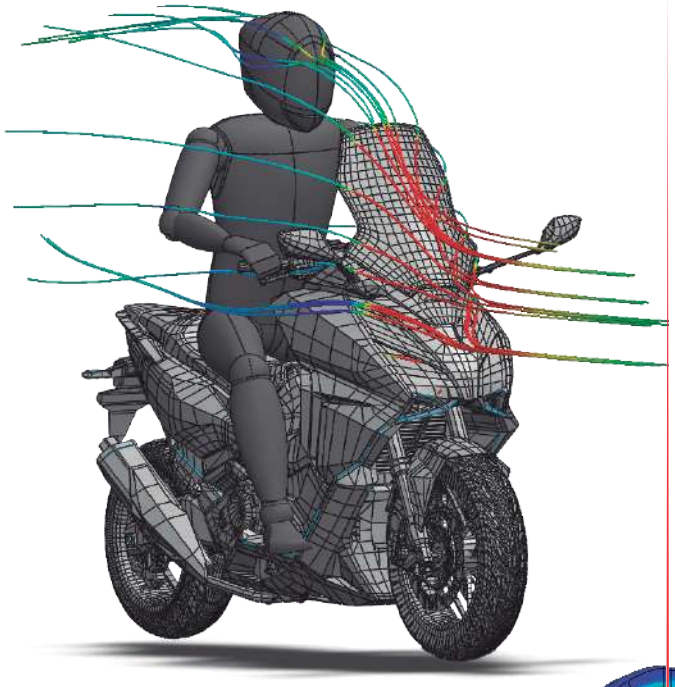
Puig Hi-Tech Parts

CFD FLOW SIMULATION

REF.20574

AIR FLOW & PREASSURE COMPARISON

ORIGINAL SCREEN



HELMET PROTECTION

81%

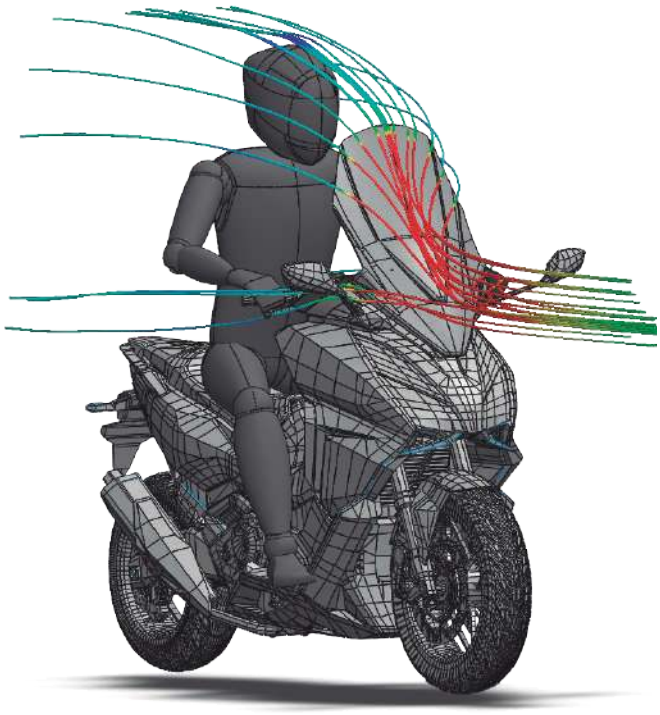
UPPER BODY PROTECTION

98%

LOW BODY PROTECTION

100%

TOURING WINDSHIELD



HELMET PROTECTION

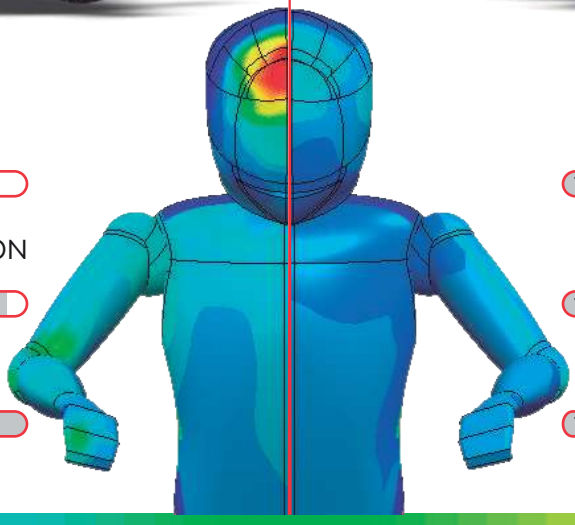
100%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%



LOW PRESSURE — HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG WINDSHIELD IS EQUIVALENT TO **0.6 Kg**

INCREASE WIND PROTECTION

30% WITHOUT LOSING Cx

AERODYNAMIC TEST CONDITIONS

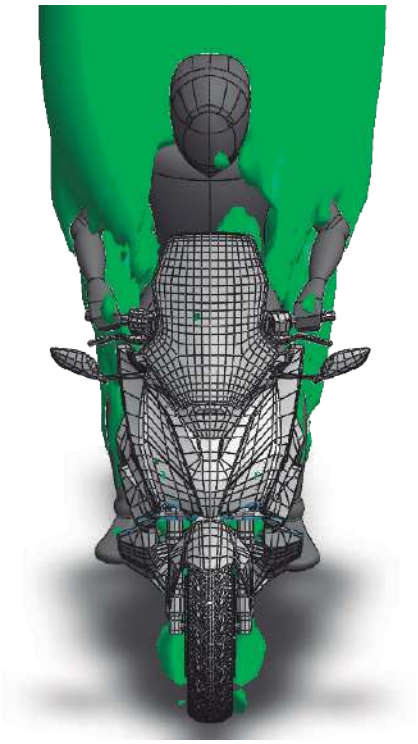
VSPEED	120 Km/h	94 mph
RIDER HEIGH	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION		Standard
LATERAL WIND		No

ACOUSTIC POWER LEVEL COMPARISON

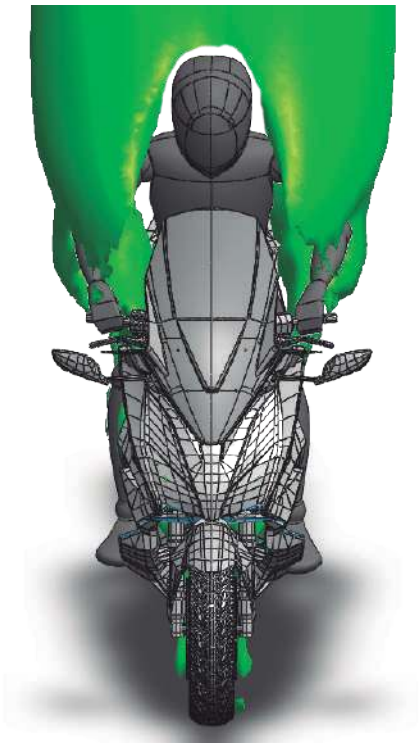
55dB zone:

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 windshield, we managed to remove all that annoying sound from the helmet area.

ORIGINAL SCREEN



TOURING WINDSHIELD



AIR FLOW WITH PUIG WINDSHIELD