

CFD FLOW SIMULATION

Z - RACING SCREEN

REF.21138

AERODYNAMIC TEST

S U Z U K I G S X - R 1 3 0 0 H A Y A B U S A

2 0 2 1 -



RIDER IN RACE POSITION

RIDER IN STANDARD POSITION

OEM

Puig
Hi-Tech Parts

OEM

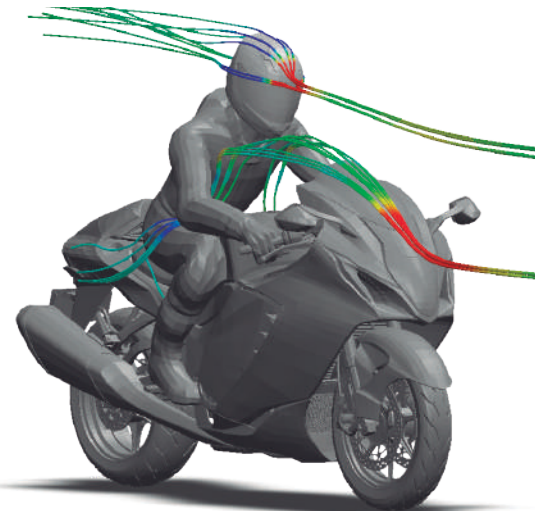
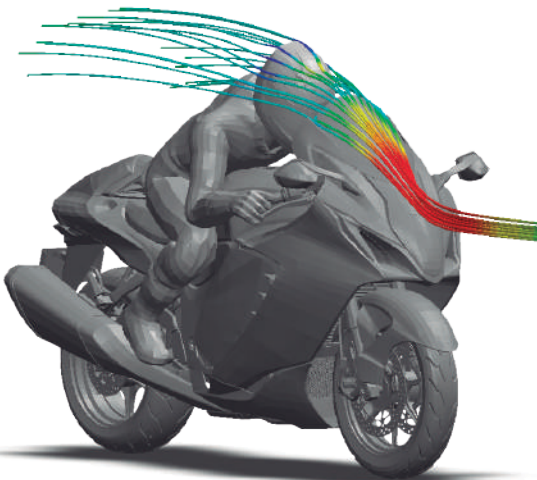
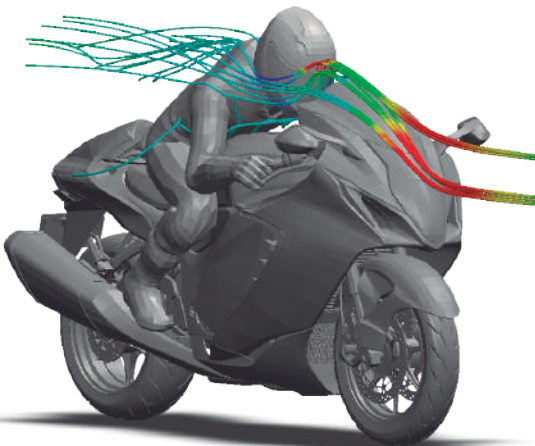
Puig
Hi-Tech Parts

ORIGINAL SCREEN

Z-RACING SCREEN

ORIGINAL SCREEN

Z-RACING SCREEN



HELMET PROTECTION

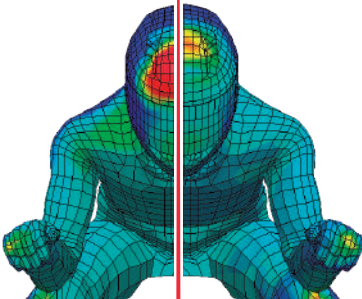
64%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%



90%

UPPER BODY PROTECTION

100%

LOW BODY PROTECTION

100%

HIGH PRESSURE

HELMET PROTECTION

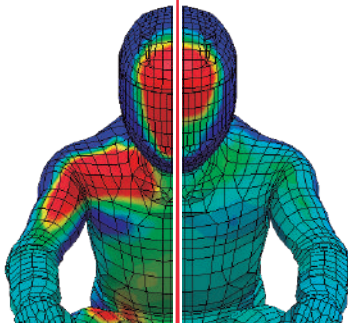
16%

UPPER BODY PROTECTION

44%

LOW BODY PROTECTION

81%



HELMET PROTECTION

34%

UPPER BODY PROTECTION

99%

LOW BODY PROTECTION

100%

HIGH PRESSURE

- 0 , 9 4 K g DISSIPATED PRESSURE

- 2 , 9 K g DISSIPATED PRESSURE

+ 6 0 % WIND PROTECTION

+ 4 5 % WIND PROTECTION

WITHOUT LOSING Cx

AERODYNAMIC TEST CONDITIONS

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