

CFD FLOW SIMULATION

R - R A C E R S C R E E N

REF.20771

A E R O D Y N A M I C T E S T

A P R I L I A R S V 4

2 0 2 1 -



RIDER IN RACE POSITION

RIDER IN STANDARD POSITION

OEM

ORIGINAL SCREEN

Puig
Hi-Tech Parts

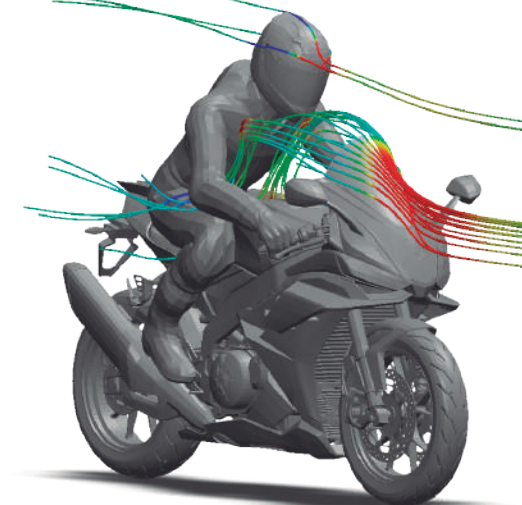
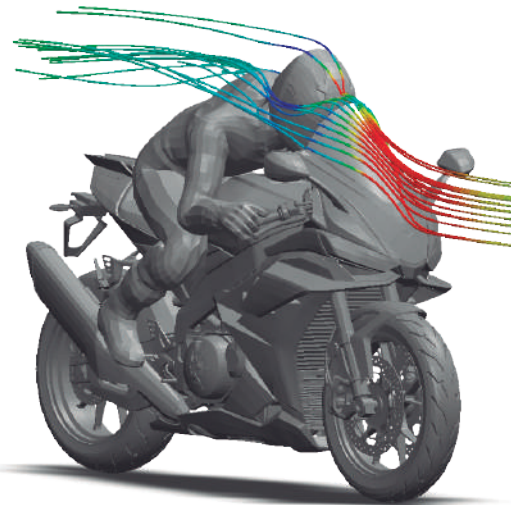
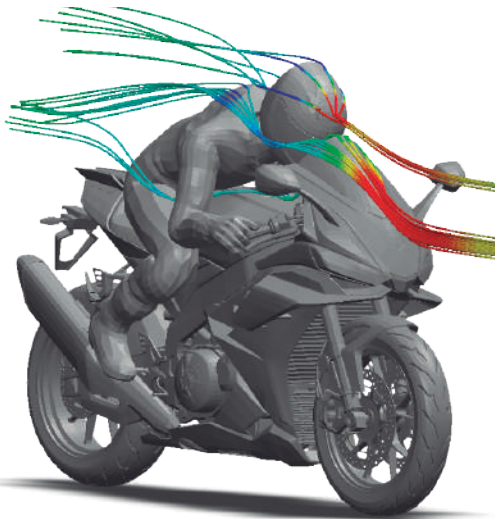
R-RACER SCREEN

OEM

ORIGINAL SCREEN

Puig
Hi-Tech Parts

R-RACER SCREEN



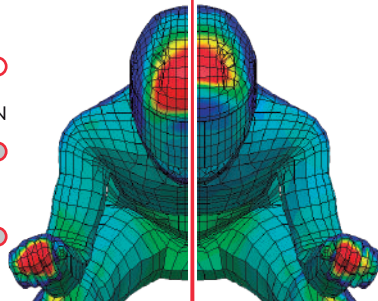
HELMET PROTECTION



UPPER BODY PROTECTION



LOW BODY PROTECTION



UPPER BODY PROTECTION



LOW BODY PROTECTION



HIGH PRESSURE

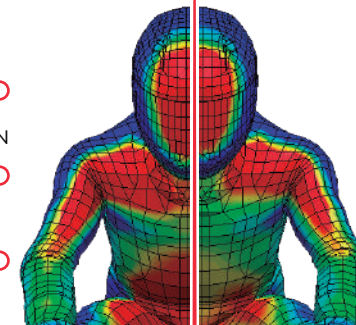
HELMET PROTECTION



UPPER BODY PROTECTION



LOW BODY PROTECTION



HELMET PROTECTION



UPPER BODY PROTECTION



LOW BODY PROTECTION



HIGH PRESSURE

LOW PRESSURE

LOW PRESSURE

- 0 , 8 8 K g DISSIPATED PRESSURE

- 2 , 1 K g DISSIPATED PRESSURE

+ 4 3 % WIND PROTECTION

+ 2 6 % 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	