

CFD FLOW SIMULATION

SPORT SCREEN

REF.21651

AERODYNAMIC TEST

S U Z U K I D L 8 0 0 V - S T R O M D E

2 0 2 3 -



## AIR FLOW &amp; PREASSURE COMPARISON

OEM

ORIGINAL SCREEN

**Puig**  
Hi-Tech Parts

SPORT SCREEN



HELMET PROTECTION

20%

UPPER BODY PROTECTION

91%

LOW BODY PROTECTION

100%



HELMET PROTECTION

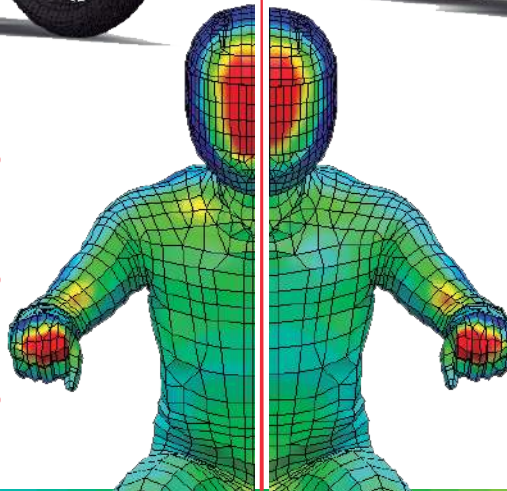
23%

UPPER BODY PROTECTION

97%

LOW BODY PROTECTION

100%



LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **0,3 Kg**

INCREASE WIND PROTECTION

**4%** WITHOUT LOSING  $C_x$ 

## AERODYNAMIC TEST CONDITIONS

|                 |          |        |
|-----------------|----------|--------|
| SPEED           | 120 Km/h | 74 mph |
| RIDER HEIGHT    | 180 cm   | 5.9 ft |
| TEMPERATURE     | 20°      | 68°F   |
| RIDER POSITION  | Standard |        |
| LATERAL WIND    | No       |        |
| SCREEN POSITION | Low      |        |