



IMPRES
TRI-EX

[PAT.P.]

SF-6

- TUSA's unique Advanced Multi-Flex Blade, made from 3 different materials

Fins with world-class efficiency, making the most of your energy

- Soft foot pocket enhances fit and increases ease of entry and comfort



size XS / S / M / L / XL

Color Availability

	BK	CBL	FY	PBL	PP	R	SLI
XS	—	—	—	●	●	—	—
S	●	●	●	●	●	●	●
M	●	●	●	●	●	●	●
L	●	●	●	—	—	●	—
XL	●	●	—	—	—	—	—



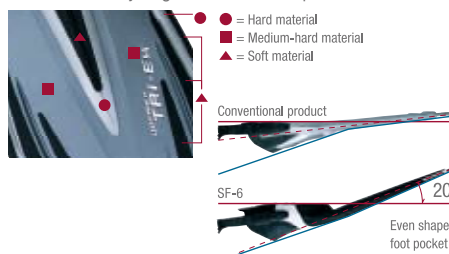
Features

- TUSA's unique Advanced Multi-Flex Blade, made from 3 different materials

Fins with world-class efficiency, making the most of your energy

In 1993 TUSA introduced the SF-7700 (IMPRES fin) to the market. This fin achieves strong propulsion by combining two different materials to create an efficient water channelling action. Since it first went on sale, over 600,000 divers have used it worldwide. The IMPRES fin has been the undisputed leader in the plastic fin market. Now, ten years later, it is moving to the next development stage. The next generation IMPRES Tri-Ex fin utilizes three different materials. First is the side rib (hard material), efficiently converting the energy of a kick into propelling power. Second is the blade (medium-hard material), increasing the efficiency of the water channel. Third is the soft pocket (soft material), enhancing the fitting comfort of the boots. The designers expanded the blade angle theory that had produced a strong propulsion force with only a light kick in the SF-8 model. A fin testing robot was used to analyze on a computer the propulsion (speed) and the electrical load when

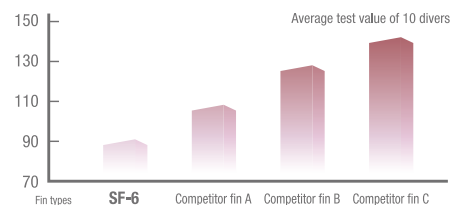
kicking. Tests were also run using real divers in a water circulating pool. These tests were repeated many times, the result being that the blade angle was set at 20 degrees, the most comfortable for the diver. A smooth shape was also created, with no level differences between the foot pocket and blade. This means that compared with conventional products, less initial load (energy) is required when first starting to kick. The excellent fit and non-wasteful transmission of energy ensures that body fatigue and air consumption is minimized.



Air consumption performance test

Air consumption per 100m (l)

	SF-6	Competitor fin A	Competitor fin B	Competitor fin C
Air consumption	87	105	124,8	139,2



• Speed (0,7m/s) Water depth 2,5m Wearing full scuba gear
The SF-6 produced the best results in the air consumption performance test.

Even shape with no level differences from the foot pocket to the blade