SHILTEK LG
FIRE TEST REPORT

We perfomed a fire test on SHILTEK LG

Testing was made by exposing the sleeve to a burner with controlled heat continously.

1st TEST : RESISTANCE TO 260°C Continous

TEST 1.1

- The specimen is fixed at the extremities with clamps;
- The specimen is placed in an oven with circulating air at 260°C for 48 hours
- The specimen is taken from the oven and we evaluate if the sleeve shows cracks, burns or any visible sign of decay both externally and internally.

- **THE SILICONE COATING DOES NOT SHOW ANY SIGN OF DECAY NOR DOES IT SHOW ANY CHANGE IN COLOUR**
- **THE INTERNAL SLEEVE DOES NOT SHOW ANY CHANGE.**

TEST 1.2

- The specimen is fixed at the extremities with clamps;
- A burner is pointed to the specimen in a specific point. Temperature of the flame is constantly controlled at 260°C (by a temperature probe).
- Flame is applied for 60 minutes continously.
- The specimen is taken from the flame and we evaluate if the sleeve shows cracks, burns or any other visibile sign of decay both externally and internally.

- **THE SILICONE COATING SHOWS VERY LIGHT SIGN OF BURNS ON THE SURFACE.**
- **THE INTERNAL SLEEVE DOES NOT SHOW ANY CHANGE.**

2nd TEST : RESISTANCE TO ABOUT 1000°C for 20 minutes

- The specimen is fixed at the extremities with clamps;
- A burner is pointed to the specimen in a specific point. Temperature of the flame is constantly controlled at about 1000°C (by a temperature probe).
- Flame is applied for 20 minutes continously.
- The specimen is taken from the flame and we evaluate if the sleeve shows cracks, burns or any other visibile sign of decay both externally and internally.

- **THE SILICONE COATING SHOWS VISIBLE SIGN OF BURNS ON THE SURFACE. IT CRUMBLES**
- **THE INTERNAL SLEEVE DOES NOT SHOW ANY CHANGE.**

3rd TEST : RESISTANCE TO ABOUT 1650°C for 20 seconds

- The specimen is fixed at the extremities with clamps;
- A burner is pointed to the specimen in a specific point. Temperature of the flame is constantly controlled at about 1650°C (by a temperature probe).
- Flame is applied for 20 seconds continously.
- The specimen is taken from the flame and we evaluate if the sleeve shows cracks, burns or any other visibile sign of decay both externally and internally.

- **THE SILICONE COATING SHOWS VISIBLE SIGN OF BURNS ON THE SURFACE. IT CRUMBLES**
- **THE INTERNAL SLEEVE DOES NOT SHOW ANY CHANGE.**