

6-1. Effects of gas and liquid

ESKA PREMIER® cable GH-4001, jacketed with the polyethylene, is resistant to many gases and liquids. However, at the end face of the cable, the fiber is not covered with jacket material, so it should be handled with care against chemicals. Figure 6-1-a show the increased loss of the ESKA PREMIER® cable GH-4001 and the bare fiber affected by the corrosive gases and liquids. Figure 6-1-b present the schematics of the tests.

Also, ESKA PREMIER® cable is affected with organic solvents unless special protection. It is needed to pay attention to avoid any contact with gases and liquids of organic solvents.

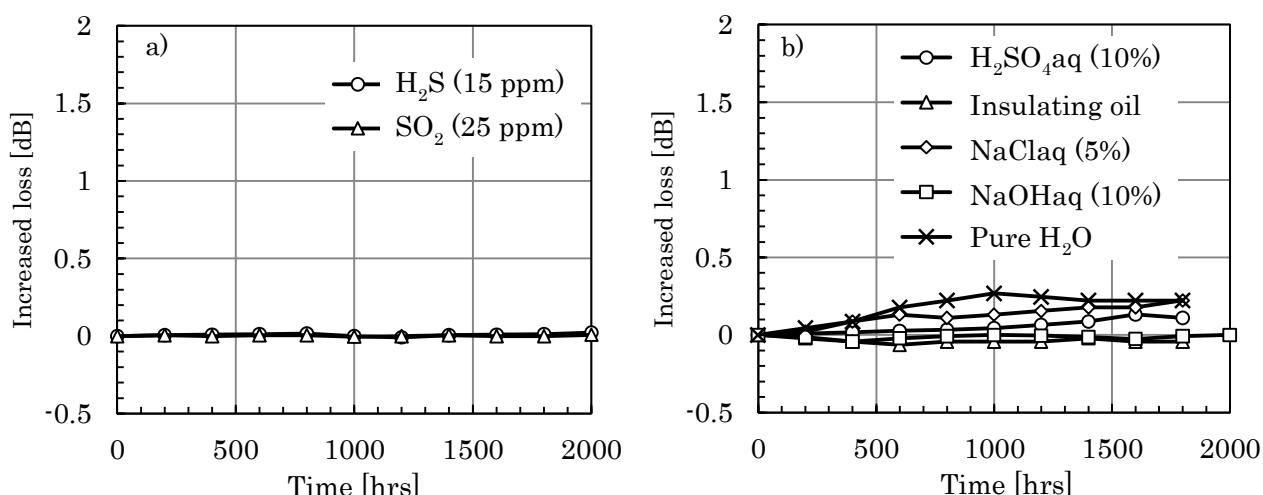


Fig. 6-1-a The a) gas exposure and b) dipping test result

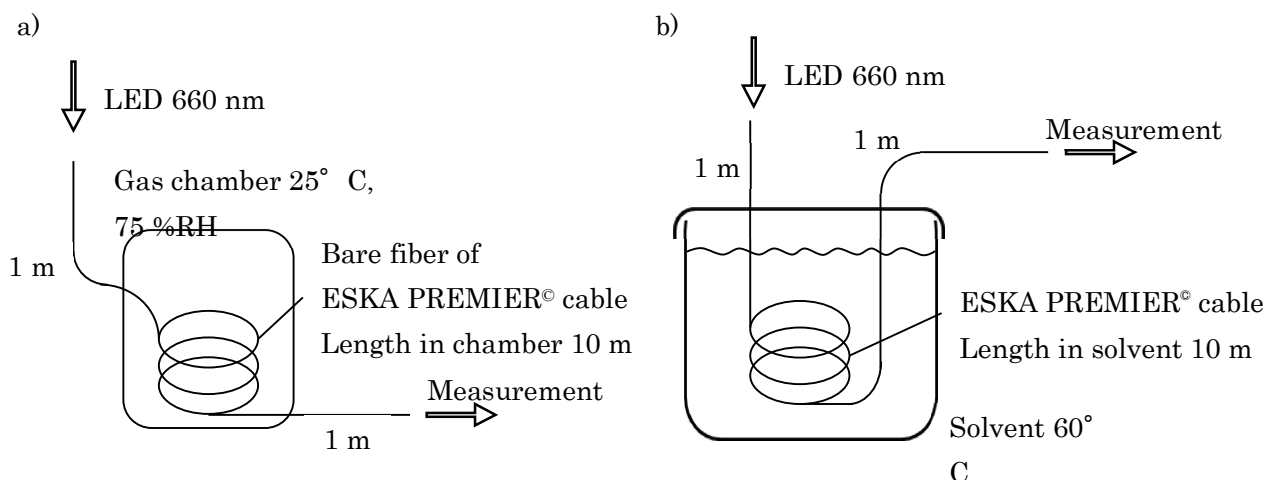


Fig. 6-1-b The schematics of the a) gas exposure and b) dipping test