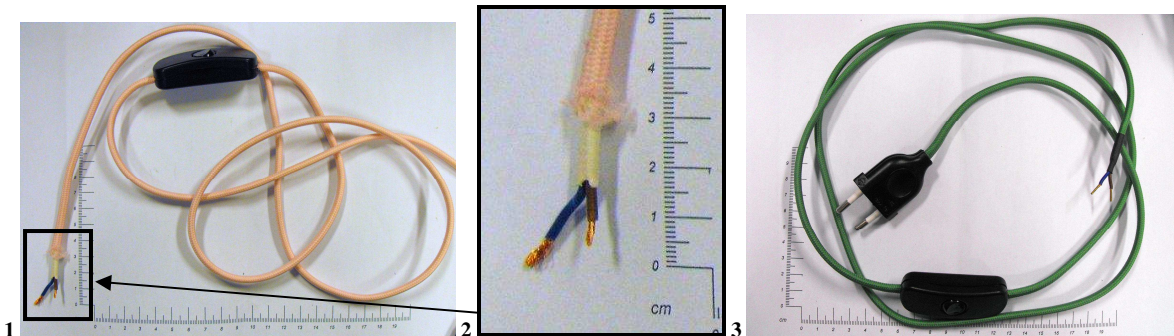


OSM/IN DECISION

Standards: - EN 50075:1990 - EN 60320-1:2001 + A1:2007 - EN 60320-2-2:1998 - EN 61058-2-1:2011	Sub clause: - 12.1 - 22.1 - 22.1 - 12.3.108	Sheet N°: OSM/IN 268
Subject: Flexible cords with textile braiding used in non-rewirable products	Key words: - flexible cord - textile braid - flammability	Meeting N°: 23(2013) Item: 4.4.8

Question: Separately approved flexible cords (according to EN50525-series) can have an additional textile braid, along the whole length of the cord, for decorative purposes (see pictures 1 and 3 below).



Is it permitted to add a textile braid on the outer sheath of a flexible cord without performing additional tests?

Decision: NO.
 Additional tests as stated below are necessary to ensure the safety properties of the complete product:

- Flammability test according to EN 60332-1-2 (standard fire test for cables constructed according to EN 50525-series) carried out on complete test samples of cords (cords with added textile braiding);
- Flexing test, pull and torque test of cord anchorage of plug, appliance coupler or cord switches, if any, when the textile braid is fitted in the anchorage. Test method is given in relevant product standard of respectively EN 50075, EN 60320-1 and EN 61058-2-1.

Explanatory notes: There is a risk of flame spread if the textile braid is not evaluated for fire properties.
 When the textile braid is fitted under the cord anchorage it could affect the cable to slip out more easily.
 Additional tests can be also necessary having in consideration the product standards where the product will be used.
 The complete cables (approved cords with textile braid) shown in pictures 1 and 3 are not those dealing with standard EN 50525-2-22 “Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) - Part 2-22: Cables for general applications - High flexibility braided cables with crosslinked elastomeric insulation”.