



Tube Lines

15 Westferry Circus
Canary Wharf
London
E14 5EU

Our ref. TLL-ENG-MATS-0021

Date: 30 Jan. 07

Paul Stanway Managing Director
Beta Cable Management Systems Limited
Newtown Trading Estate
Northway Lane
Tewkesbury
Glos GL20 8JG

Dear Mr Stanway

Subject: Interflex IRT Conduit and Fittings

I have assessed the reaction to fire against LUL Standard 2-01001-002, of the Fr Nylon compounds from which the above conduit is manufactured. Additional data from previous testing of similar material has been considered in the case of fittings.

My letters, TLL-ENG-MATS-0016, TLL-ENG-MATS-0017 & TLL-ENG-MATS-0011a, all dated 24th January 2007 and addressed to Roger Peters, confirm the details of FR nylon compounds tested and the test results.

The maximum amounts of material in any one Fire Zone and Location, for compliance with the standard 2-01001-002, are as follows.

Product Description	Maximum Allowable (g)	Locations
Grey IRT Conduit & Fittings	175 g/1.25m ² Area	Stations inc Platforms
Grey IRT Conduit & Fittings	50g/1.25m ² Area	Tunnels
Grey IRT Conduit & Fittings	25g/0.5m ² Area	Rolling Stock
Black IRT Conduit & Fittings	170 g/1.25m ² Area	Stations inc Platforms
Black IRT Conduit & Fittings	49 g/1.25m ² Area	Tunnels
Black IRT Conduit & Fittings	24 g/0.5m ² Area	Rolling Stock

The zones; 1.25m² and 0.5m² are fire regions defined by London Underground Ltd.

Please note that the above is a reaction to fire of materials assessment and not a fit for purpose account.

Raj Bains
Materials Engineer TLL