

New Flame Retardent Mille-tie Receives British Military Approval



Millepede International Ltd (ASX: MPD), the Perth based plastic fastener innovation company, has received British Ministry of Defence (MOD) approval and certification for a new high performance version of its award winning Mille-Tie.

Millepede started work in the spring on a new fire retardant version following a request by British Aerospace the main contractor for the new British war ship the Type 45 Destroyer. The new ties have been granted approval to be used in surface ships by - The Institute of Naval Medicine, and The Ministry of Defence (Complies with Def Stan 07-247) Category B approval.

The Mille-Tie is the only plastic tie to be granted approval by the Institute of Naval Medicine. This technology has unique benefits in Armed forces assets such as Ships, Submarines and Airplanes.

The Mille-Tie has undergone severe testing to prove how resistant it is to explosions and the electromagnetic shocks they create. It has been proven that Emtelle fibre optics in conjunction with the Mille-Tie as a control medium can withstand and maintain functionality at extremes of EMS. Named the Mille-Tie FR, its properties will help where fire resistance combined with low toxicity characteristics are required such as rail and tube applications.

These special ties have a FR badge on the tab end of the tie opposite the tongue to differentiate them from the normal.

Tests conducted by Qinetiq - Sept 2005

| Property | Test Method | Result |
|--------------------------|----------------------------|------------|
| Smoke Index | Def Stan 02 - 711 | 24.7 |
| Oxygen Index | BS EN ISO 4589 - 2 | 23.1% |
| Flammability Temperature | BS EN ISO 4589 - 3 Annex A | > 173° C |
| Toxicity Index | Def Stan 02 - 713 | 6.1 / 100g |
| Vertical Flame Test | UL 94 | 94 V - 0 |

Approved by the UK Ministry of Defence for use on Surface ships for the securing of Fibre optic Cable Bundles.

Approved by the Institute of Naval Medicine.

- Lifetime **NO CRUSH** Grip
- **REUSABLE / RELEASABLE**
- Outdoor - **ALL WEATHER**
- UK **MOD Approved**

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