



Product Update 1 – March 2007

flexi-dropper™
 Stainless Steel, Braided Flexible Hose
 Manufactured by **Yong Won**

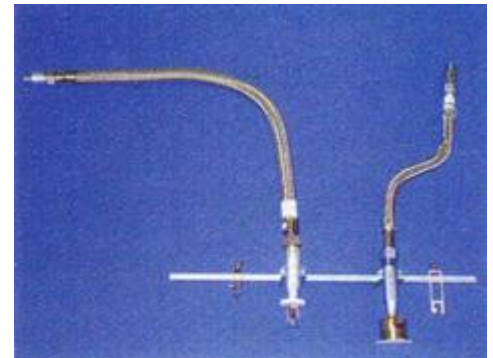
Attention Fire Sprinkler Designers

FM Approved *flexi-dropper™* now available.

New AS2118-2006 Clause 7.6) requires for flexible hoses: "The minimum sizes shall be

- DN 20 for Light Hazard; and
- DN 25 for Ordinary and High Hazard

Refer to table below for comparisons (dimensions rounded):



	DN25 - (1") AS1074 Standard Sprinkler Pipe	Yong Won YB28 <i>flexi-dropper™</i>	DN 20 - (3/4") AS1074 Standard Sprinkler Pipe	Yong Won YB25 <i>flexi-dropper™</i>
Normal diameter (DN)	25mm		20 mm	
Mean (internal diameter)	27mm	27mm	22 mm	24mm

flexi-dropper™ YB28 is the one of the only flexible hose available that has a mean internal diameter equivalent to a 25mm(1") pipe - supplied by AFT Australia P/L. All other sprinkler flexible hoses available in Australia have a mean internal diameter of approximately 24mm - 25 mm.

AS 2118.1-2006

7.6 FLEXIBLE TUBE ASSEMBLIES

Flexible tube assemblies for the connection of individual sprinklers to rigid pipework above suspended ceilings shall comply with the following:

- (a) The minimum size shall be -
- (i) DN 20 for Light Hazard; and

(ii) DN 25 for Ordinary and High Hazard.

(b) The flexible tube shall be of metal construction and shall be braided.

(c) The flexible tube shall form part of an assembly that includes factory-fitted connections at each end, together with means for fixing the assembly to the ceiling support.

(d) The complete assembly shall be listed by a recognized testing laboratory.

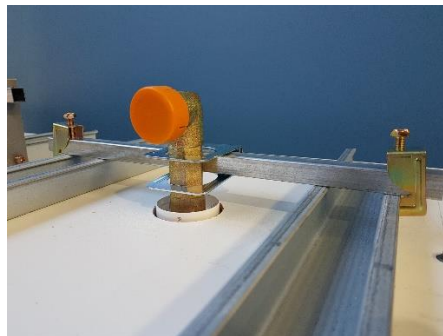
(e) The physical length shall be not greater than 3.7 m.

(f) The equivalent length of the assembly used for hydraulic calculations shall be in accordance with the manufacturer's listing and be inclusive of two 90° bends.

(g) The assemblies shall be installed in accordance with product listing and the manufacturer's published data sheets.

Other fittings Exclusive to *flexi-dropper*[™] (AFT Australia P/L):

Small Radius elbows



**10, 15 & 20mm Reducers
-120mm & 250mm long**



**Ceiling grid clamps to suit
plasterboard and tiled ceilings**

