

SUBJECT **Critical Hose Failure – IMMEDIATE ACTION REQUIRED**

DATE 23 January 2020

TO All personnel

FROM Paul Turner, National Manager Response Capability



Action **ALL Flashflood 500** branded 45mm and 70mm hose to be removed from service **IMMEDIATELY.**

Remove from appliances, station hose racks and any other station/appliance locations immediately. This hose is to be taped off and is to remain at the location it is currently. Please notify your Region Equipment Coordinator of the number of lengths of each type and the location where it is being held.

Situation

1. We have had 3 lengths of near new *Flashflood 500* x 70 mm extruded lay flat firehose detach unexpectedly at the male coupling where they are internally ferruled. This appears to have occurred at normal working pressures.
2. Not all this hose has been deployed, but there are significant numbers of lengths operationally in the field.
3. The potential consequences, should a hose to coupling connection fail, could not only cause injury but negatively impact on operational incidents and crew safety.
4. It has been decided to remove the same hose type and coupling on the 45mm hose as well.
5. Considering the above, it is prudent that all this hose is removed from service until the problem is fully understood and a solution devised. Fire and Emergency NZ is working with the supplier and manufacture to identify the cause and develop a remediation plan.

Identification *Flashflood 500* hose can be easily identified:

1. The instantaneous couplings are anodised dark grey, have markings cast into the aluminium and **have a double reflective yellow “way out” arrow on each female coupling**
2. Stencilled on the hose is the wording”Flashflood 500”.....
3. All affected 45mm hose is yellow and has **dark anodised couplings with arrows “pointing” the way out.**
4. All affected 70mm hose is red and looks like other hose materials but is the **only hose with the dark anodised coupling and arrows.**
5. See next page for attached photos of the hose and couplings

Pictures



Pic1 - 45mm hose is yellow and has **dark anodised couplings with arrows.**



Pic 2 - 70mm hose is red and looks like other hose materials but is the **only hose with the dark anodised coupling and arrows.**

The point of contact for this issue is Don.McErlich@fireandemergency.nz

End of Notice.