

We are the Smart company securing your weak link to preserve the environment and prevent catastrophic hose failures!

## LL3 Engineering Data



LL3 incorporates an internally coated cable connected to normally unseated “Valve Flappers” located on each end of the cable. If the hose assembly experiences a catastrophic hose failure, the Smart-Hose Safety System is designed to instantaneously shut off the flow in both directions. Designed as a passive safety device, the Smart-Hose Safety System needs no human intervention to activate.

- Each hose is tested under water with dry air or nitrogen to working and test pressure
- Each hose is serial numbered
- Each hose is shipped with a Test Certificate and Operating Booklet

Normal Flow—LL3 Valves Open



Coupling Ejection - LL3 Valves Closed



### Coupling Data - LL3 is recommended for gaseous flow and liquid applications

<b>Chemical Version</b>	All metal parts are 316 stainless steel
<b>HCL Version</b>	All metal parts are Hastelloy
<b>Flammable Gas Version</b>	All parts are 316 stainless steel
<b>Brass Version</b>	All metal parts are Brass
<b>O-ring</b>	All couplings use PTFE Teflon unless other material is required

Size	Alloys Offered	End Configurations	Weight / lbs	Length / Inches
1-1/2"	316-SS	Male & Female NPT, Flanges, Cam lock	3.4 ea	4.74"
2"	316-SS , Hastelloy	Male & Female NPT, Flanges, Cam lock	4.7 ea	5.36"
3"	316-SS	Male & Female NPT, Flanges, Cam lock	12.1 ea	8.21"
4"	316-SS,	Male & Female NPT, Flanges, Cam lock	20.7 ea	9.1"
6"	316-SS	Male & Female NPT, Flanges, Cam lock	61.5 ea	12.25"
8"	316-SS	Male & Female NPT, Flanges, Cam lock	78 ea	15"

