

**Hose Whip Restraint** APS strongly recommends the use of hose whip restrainers in any water jetting operation. These are perhaps the simplest and least expensive safety measure to implement. A hose whip restraint can be attached at any point where two hoses are joined, or to a pump's fluid end at the discharge side, or where a hose attaches to any piece of water blasting equipment such as a water blast lancing or cutting system.

When a high pressure hose is joined to a piece of equipment, the hose whip restraint should be used to restrain the movement of the pressurized hose should it become uncoupled, thereby allowing operators to get away and perform a safe, orderly system shut-down.



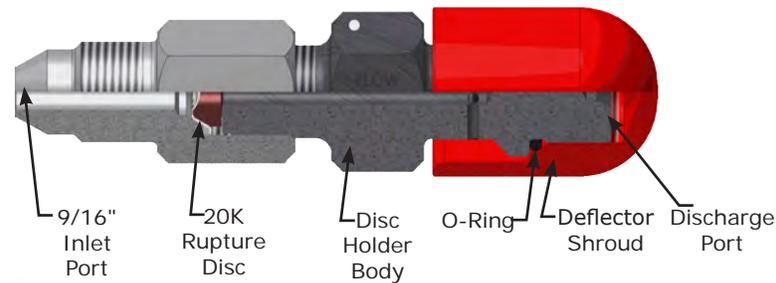
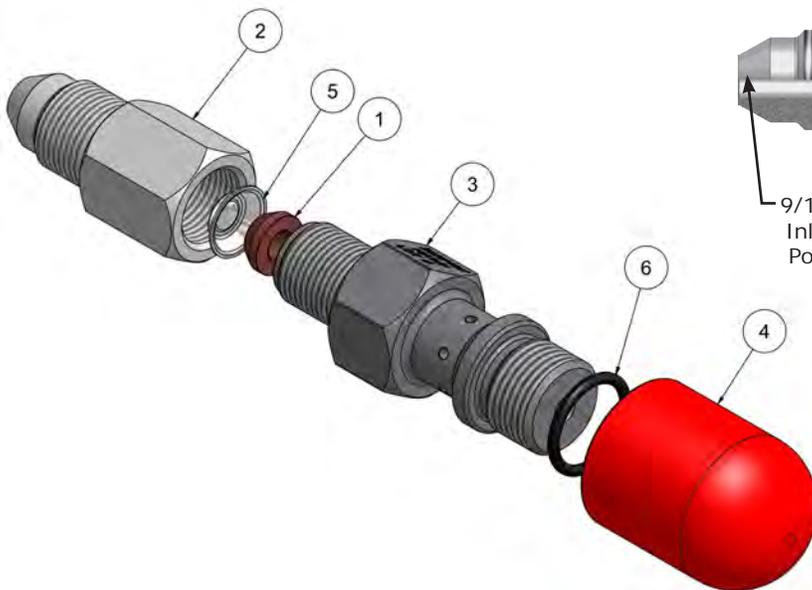
Part #	Description
43-010-001	21" GALVANIZED WIRE (1/8") & SS SPRINGS (1/2" - 1/1/4" HOSE)
43-010-002	NYLON W/RUBBER GROMMET STOPS (APP. 31-1/2" LONG)
43-010-003	STAINLESS, 38" CS PLATED WIRE (1/4") & SPRINGS (1-1/2" - 3" HOSE)
43-010-004	NYLON 2-PLY W/RUBBER GROMMET STOPS (APP. 64" LONG)
43-010-005	NYLON 2-PLY W/RUBBER GROMMET STOPS (APP. 44" LONG)

Pictured here are two typical hose whip restraint types, one is the stainless steel tension model, and the other is a high strength brightly-colored nylon with rubber cinch bands.

**20K Rupture Disc Holder with Safety Shroud** A Rupture Disc is an essential component in any system which contains a positive displacement pump. It provides protection against excessive pressure building up in the water blasting equipment connected to a pump. Advanced Pressure Systems has designed a rugged, compact rupture disc holder, which offers safety features to prevent the use of coins or other disc substitutes, which may prove dangerous to operators or cause damage to the blasting equipment. The domed deflector minimizes spray in the event of a disc rupturing and the disc holder body is simple to remove for replacing a disc.



Part #	Description	PSI
35-008-010	9/16" MP RH Rupture Disc Assy.	20K Range



**20K Rupture Discs** Advanced Pressure Systems offers a complete range of Rupture Discs for use in the Rupture Disc Holder. These discs will protect your personnel, pumps and associated equipment from over-pressuring. The standard range of disc bursting pressures are carefully selected to provide the ideal safety relief for all of your equipment. Special ratings can be provided upon request. Rupture discs for NLB & Jetstream equipment are also available to order.

### Rupture Disc Table

ITEM	PART #	DESCRIPTION
1	35-008-011	20/40K Rupture Disc Hold Down Ring
2	35-008-012	9/16" MP 20K Rupture Disc Holder Body
3	35-008-013	20/40 K Rupture Disc Holder Nut
4	35-008-027	Rupture Disc Holder Shroud
5	Select Rupture Disc to Suit Operating Pressure	
6	30-001-910	O-Ring 90 Dur

Part #	Description	
35-006-125	12.5K Burst 1/4 A/S	Rupture Disc
35-006-144	14.4K Burst 1/4 A/S	Rupture Disc
35-006-150	15K Burst 1/4 A/S W/TAG	Rupture Disc
35-006-175	17.5K Burst 1/4 A/S	Rupture Disc
35-006-180	18K Burst 1/4 A/S W/TAG	Rupture Disc
35-006-200	20K Burst 1/4 A/S	Rupture Disc
35-006-225	22.5K Burst 1/4 A/S (GDWJ TYPR: 3133023225)	Rupture Disc
35-006-240	24K Burst 1/4 A/S (GDWJ TYPR: 3133023240)	Rupture Disc
35-006-250	25K Burst 1/4 A/S (GDWJ TYPR: 3133023250)	Rupture Disc
35-006-260	26K Burst 1/4 A/S	Rupture Disc
35-006-270	27K Burst 1/4 A/S	Rupture Disc
35-006-290	29K Burst 1/4 A/S	Rupture Disc
35-017-240	24K 13/32" STD. (J/S TYPE: 51838)	Rupture Disc
35-017-270	27K 13/32" STD. (J/S TYPE: 51837)	Rupture Disc
35-017-290	29K 13/32" STD. (J/S TYPE: 51836)	Rupture Disc