

WIRELOCK RESIN

There are five main areas in which Wirelock® is the preferred socketing medium:

- **General Engineering**

Uses are extremely varied and include crane ropes, boom pendants, winches, lifting straps and mast stays. Wirelock should always be used when socketing P.F.V. ropes as the use of a molten metal will melt and vapourise the polymer in the valleys of the rope.

- **Structures**

These are generally long term applications such as suspended roofs for stadia, aircraft hangers and other diverse structures.

- **Bridges**

- **Mining**

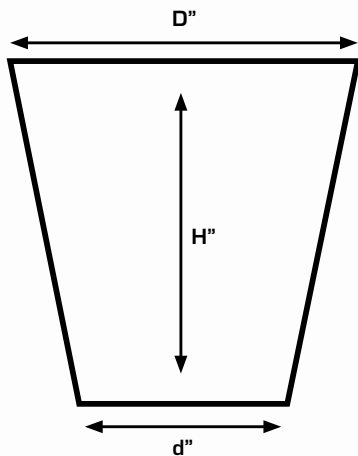
Wirelock is the only socketing medium that is currently approved in the UK for both man and materials winding. It is extensively used for the same purposes in the mines of South Africa, Australia and Canada.

- **Offshore**

Wirelock is the preferred socketing medium for offshore mooring systems worldwide. Moreover, it is the only socketing system that meets the requirements of D.N.V.'s Certification Notes No. 2.5 "Certification of Mooring Steel Wire Ropes" May 1995. It has both Lloyds approval and ABS type Approval.

The shelf life of WIRELOCK® is eighteen (18) months (check label before use) from the date of manufacture.

Formula to estimate cc's required to pour standard spelter sockets



$$\left(\frac{D + d}{4}\right)^2 \times H \times 3.142 = \text{cc}$$

(D, d & H are in cm)



GUIDE TO AMOUNT OF WIRELOCK REQUIRED			
6.5mm (1/4")	9cc	44.5mm (1 3/4")	700cc
8mm (5/16")	17cc	47.5mm (1 7/8")	700cc
9.5mm (3/8")	17cc	51mm (2")	1265cc
11mm (7/16")	35cc	54mm (2 1/8")	1265cc
12.5mm (1/2")	35cc	57mm (2 1/4")	1410cc
14mm (9/16")	52cc	60mm (2 3/8")	1410cc
16mm (5/8")	52cc	63.5mm (2 1/2")	1830cc
19mm (3/4")	86cc	66.5mm (2 5/8")	1830cc
22mm (7/8")	125cc	70mm (2 3/4")	2250cc
25mm (1")	160cc	76mm (3")	3160cc
28.5mm (1 1/8")	210cc	82.5mm (3 1/4")	3795cc
32mm (1 1/4")	350cc	89mm (3 1/2")	4920cc
35mm (1 3/8")	350cc	95mm (3 3/4")	5980cc
38mm (1 1/2")	420cc	101.5mm (4")	7730cc
41mm (1 5/8")	495cc		
NOTE: APPROXIMATE MEASUREMENTS			
	250cc Kit		1 Cup
	500cc Kit		1 Pint
	1000cc Kit		1 Quart

NOTE:

For mining applications, specify that the Wirelock® Kit conforms to National Coalboard (NCB) UK specifications.

CAUTION

- WIRELOCK® resin, in liquid state, is flammable
- Chemicals used in this product can give off toxic fumes and can burn eyes and skin
- Use only in well-ventilated work areas
- Never breathe fumes directly or for an extended time
- Always wear safety glasses to protect eyes
- Always wear gloves to protect hands
- Avoid direct contact with skin anywhere