

A.W.F. FLEXIBLE RUBBER 80 F.G.

AWF Flexible Rubber 80 F.G. is a 80 durometer high performance fluid elastomer which has been specifically developed for casting and moulding of Rubber components and is suitable for use on impellers chutes, hoppers, valves, rollers, gaskets, hoses, cables, etc.



Preparation

All existing dirt, oil and grease should be removed and the surface wiped with AWF Universal Cleaner. Any areas of frayed or fragmented rubber should be cut away to provide a sound repair area. Smooth surfaces including metals should be mechanically etched to produce a good preparation profile with abrasive blasting being preferred for metal substrates. Rubber surfaces are best roughened using a stiff wire brush. Edges of repair areas of belts, hoses, tyres etc should be undercut.



Mixing Ratio

AWF Flexible Rubber 80 F.G. is a two part material consisting of a Base & Activator resin which must be mixed together prior to use. The Base should be poured into a suitable mixing container and stirred thoroughly. The Activator should be added to the Base Resin and thoroughly mixed together to produce a streak free viscous liquid. Thorough mixing is extremely important and once the material appears mixed a further period of mixing should be carried out to ensure there is no unmixed material.

<u>Mixing Ratio:</u>	<u>Base</u>	<u>Activator</u>
	13	2 by volume
	20	3 by weight



Curing Time

Drying, Curing times at 20°C

Initial set:	4 hours
Machining:	16 hours
Full mechanical:	3 days



Pot Life

Once you have mixed the Base and the Activator together, you have approximately 15 minutes to use the mixed material.

APPLICATION DETAILS



PRIMING

All areas to be repaired or resurfaced should be first primed with AWF Primer. The primer should be applied with a soft bristled brush to give an even but low coating thickness taking care to avoid ponding of the primer. The primer should be allowed a minimum of 60 minutes and a maximum of 8 hours at 20°C before applying AWF Flexible Rubber 80 F.G.

For casting or moulding, the mixed material should be poured into the prepared mould, the filled mould should be gently vibrated to aid the release of Trapped oil.

All equipment must be cleaned immediately after use with AWF Universal Cleaner

APPEARANCE

Base: Clear Viscous Liquid
Activator: Coloured Viscous Liquid

VOLUME SOLIDS

100%

V.O.C.

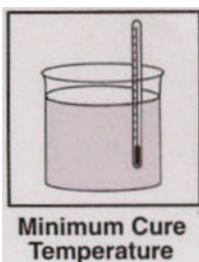
Nil

SHORE A HARDNESS

80



N/A



5°C



Use within 12 months of purchase. Store in original sealed containers at temperatures between 5°C and 30°C.



As long as good practice is observed, AWF Flexible Rubber 80 F.G. can be safely used. Protective gloves should be worn during use.

A fully detailed Material Safety Data Sheet is available on request.

If you have any questions or queries regarding this data sheet or the application of this product, please contact us before you use the product.