



Vitta Braz-Ropes

Classification	Brazing Ropes	Issued July 2019 Revision 1.0
Overview	<p>Vitta-Braz Rope is a unique brazing product which can be used to eliminate inconsistency in the formulation of braze fillets. Vitta-Braz rope allows the placing of the correct amount of brazing alloy in critical braze applications. Braz-Rope can eliminate variables in the braze process:</p> <ul style="list-style-type: none"> • Viscosity – Braz-Rope is a dry product. All problems associated with variations in viscosity due to batch-batch mixing and shelf life changes are eliminated. • Operator Technique – with minimal training the work of all operators will be consistent with Braz-Rope • Joint Design – Braz-Rope works as well in blind joints and joints around unusual contours as it does in conventional braze joints. 	
Available Alloys	All filler metals used in the tapes are high-purity, gas-atomised fully certified brazing alloys. Vitta Braz-Ropes are available in different alloy mesh sizes and all the standard alloy designations such as those specified by AMS, AWS, General Electric, Pratt and Whitney, Rolls-Royce, Snecma and others.	
Binders	Vitta-Braz Rope is extremely dense with less than 5% organic binder.	
Typical Application	Vitta-Braz Ropes are designed for furnace brazing. They can be applied with brazing cement, or where joint design permits, by simply laying into the joint. Braz-Rope's extreme flexibility allows for application around tight radii and over bends. It is recommended that Braz-Rope be supported in place so that it is held during the brazing operation.	
Braz-Rope Availability	Braz-Rope is available in diameters from 0.030" to 0.100" and supplied by the lb. To order specify the alloy required, diameter required and quantity in pounds. For reference 1lb of 0.6" diameter rope is approx. 120'. 1lb at 0.3" diameter is approx. 360'.	
Storage Recommendations	<ul style="list-style-type: none"> • No refrigeration is required for storage. 	
Safety Recommendation	Please refer to the specific MSDS (Material Safety Data Sheet) – available from Vitta	
Disclaimer	All information provided on our products is based upon our experience and extensive testing and research. Information on these technical data sheets is provided in good faith but does not exempt the user from the requirement to check the data held herein. It is the responsibility of the customer to ensure that the product is suitable for the intended use particularly if the	

	<p>application or process has not been specifically approved by us in writing. Vitta cannot be held liable for any errors or omissions published. Vitta always recommend your internal quality team must approve any proposed usage.</p>
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