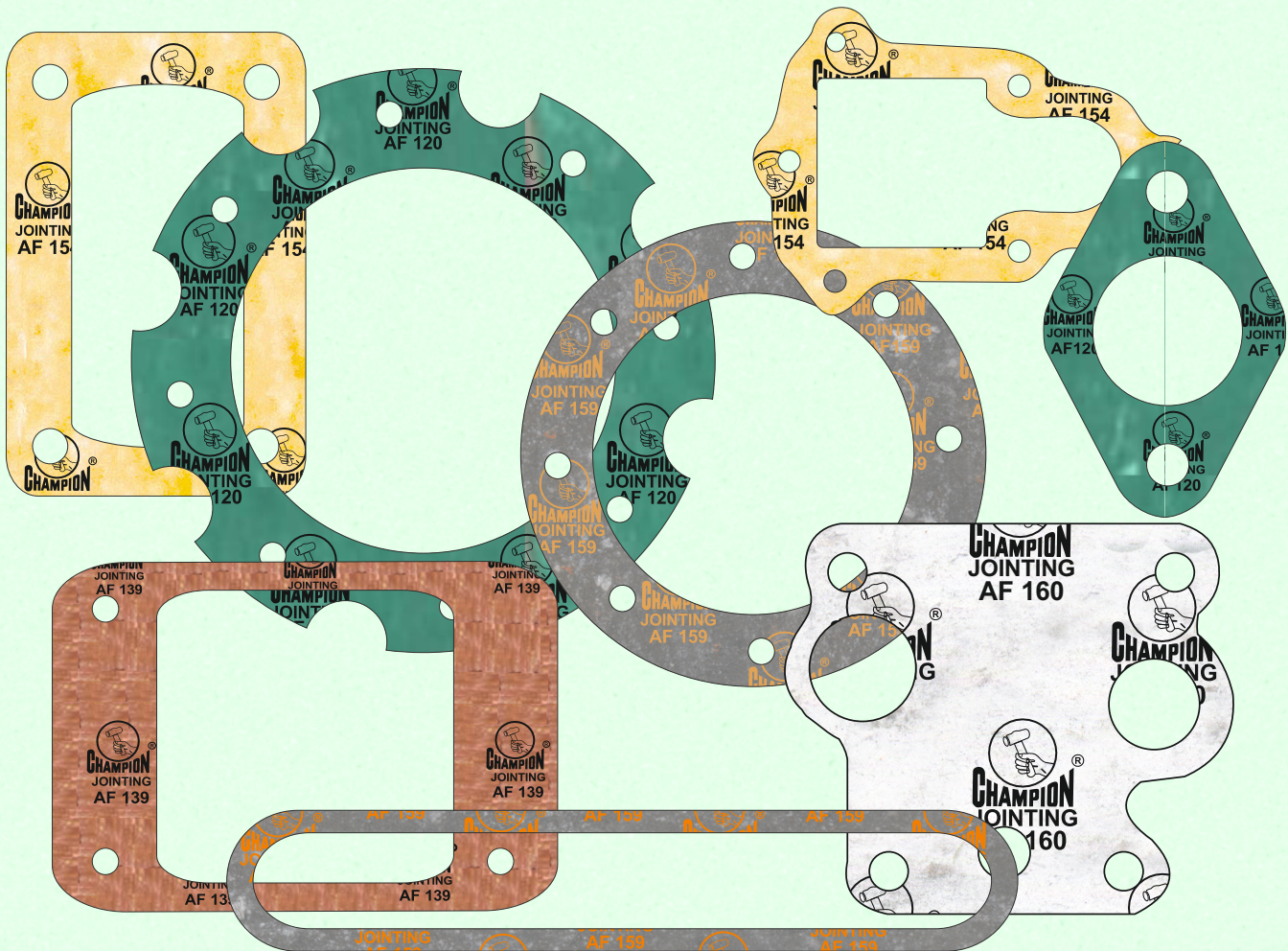




**Asbestos
FREE**



COMPRESSED NON-ASBESTOS JOINTING SHEET



**CHAMPION SEALS (INDIA) PVT. LTD.
SEALANT & GASKET (INDIA) PVT. LTD.**

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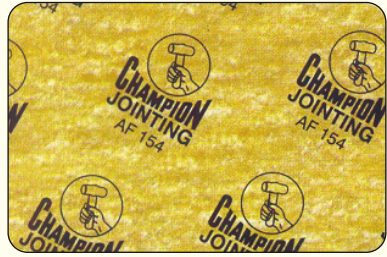



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COMPRESSED NON-ASBESTOS JOINTING SHEETS - DATA SHEET

STYLE	PRODUCT PROFILE	*SERVICE CONDITIONS	TYPICAL PHYSICAL PROPERTIES			FLUID RESISTANCE			
	CHAMPION Style AF110 Steam. A cost effective product manufactured from ecofriendly natural cellulosic fibers bonded with suitable mix of elastomers. Colour : Red & Green. <i>Also available with wire gauze reinforcement and antistick coating.</i>	General purpose gasketing material suitable for use with Oils, Solvents, Gases, Water, L.P. Steam and most dilute acids and alkalies (Low service conditions). Max. Operating Pressure : 25 bars Max. Short Term Service Temperature : 400°C Max. Continuous Service Temperature : 250°C Max. Operating Temperature for steam : 180°C	Density	-	1.75 g/cm ³	ASTM Oil No.3		Fuel B	
			Tensile Strength	ASTM F 152	8.5 Mpa	≤10	≤10	≤10	≤10
			Compressibility	ASTM F 36	8-13%				
			Residual Stress	BS 7531	22 Mpa				
			Gas Permeability	BS 7531	<0.5 cc/Min				
			Recovery	ASTM F 36	> 45%				
			Water Absorbtion	BS 7531	≤ 5%				
			Ignition Loss	-	≤ 40%				
			Thickness Increase %						
	CHAMPION Style AF120 Steam. A compressed synthetic Aramid fibre jointing sheet bonded with elastomers to create a matrix of stability. Colour : Green. <i>Also available with wire gauze reinforcement and antistick coating.</i>	Suitable for light industrial applications. Media : Water, Gases, Medium pressure Steam, Dilute Acids/Alkalies (Medium Service Conditions). Max. Operating Pressure : 50 bars Max. Short Term Service Temperature : 400°C Max. Continuous Service Temperature : 250°C Max. Operating Temperature for steam : 200°C	Density	-	1.9 g/cm ³	≤10	≤10	≤10	≤10
			Tensile Strength	ASTM F 152	11.5 Mpa				
			Compressibility	ASTM F 36	8-11%				
			Residual Stress	BS 7531	22 Mpa				
			Gas Permeability	BS 7531	<0.5 cc/Min				
			Recovery	ASTM F 36	> 45%				
			Water Absorbtion	BS 7531	≤ 5%				
			Ignition Loss	-	≤ 30%				
			Thickness Increase %						
	CHAMPION Style AF139 High Pressure. A high quality jointing sheet based on synthetic Aramid fibres bonded with NBR elastomer. Colour : Orange <i>Also Available With Wire gauze reinforcement and antistick coating.</i>	Suitable for use in applications involving hydrocarbons such as oils and solvents, steam, gases, glycols and aqueous solutions. (Medium Service Conditions). Max. Operating Pressure : 80 bars Max. Short Term Service Temperature : 400°C Max. Continuous Service Temperature : 250°C Max. Operating Temperature for steam : 200°C	Density	-	1.85g/cm ³	≤8	≤8	≤8	≤8
			Tensile Strength	ASTM F 152	14 Mpa				
			Compressibility	ASTM F 36	8-12%				
			Residual Stress	BS 7531	22 Mpa				
			Gas Permeability	BS 7531	<0.5 cc/Min				
			Recovery	ASTM F 36	> 40%				
			Water Absorbtion	BS 7531	≤ 5%				
			Ignition Loss	-	≤ 35%				
			Thickness Increase %						
	CHAMPION Style AF154. A superior performance compressed jointing sheet incorporating a blend of special heat resisting Aramid fibres with a high quality nitrile elastomer binder. Colour : Yellow. <i>Also available with wire gauze reinforcement and antistick coating.</i>	Suitable for use with Oils, Solvents, Gases, Steam, Dilute Acids and alkalies. (High Service Conditions). Max. Operating Pressure : 150 bars Max. Short Term Service Temperature : 450°C Max. Continuous Service Temperature : 250°C Max. Operating Temperature for steam : 290°C	Density	-	1.8 g/cm ³	≤8	≤8	≤8	≤8
			Tensile Strength	ASTM F 152	15 Mpa				
			Compressibility	ASTM F 36	7-11%				
			Residual Stress	BS 7531	25 Mpa				
			Gas Permeability	BS 7531	<0.1 cc/Min				
			Recovery	ASTM F 36	> 50%				
			Water Absorbtion	BS 7531	≤ 5%				
			Ignition Loss	-	≤ 35%				
			Thickness Increase %						
	CHAMPION Style AF159 Oil. A Premium grade jointing sheet based on special synthetic Aramid fibres bonded with nitrile elastomer. Colour : Grey. <i>Also available with wire gauze reinforcement and antistick coating.</i>	A universal grade suitable for many industrial sealing applications. Media : Hot oils, fuels, Hydrocarbons and refrigerants. (High Service Conditions) Max. Operating Pressure : 150 bars Max. Short Term Service Temperature : 400°C Max. Continuous Service Temperature : 250°C Max. Operating Temperature for steam : 250°C	Density	-	1.7 g/cm ³	≤8	≤8	≤8	≤8
			Tensile Strength	ASTM F 152	15 Mpa				
			Compressibility	ASTM F 36	10-14%				
			Residual Stress	BS 7531	25 Mpa				
			Gas Permeability	BS 7531	<0.1 cc/Min				
			Recovery	ASTM F 36	> 45%				
			Water Absorbtion	BS 7531	≤ 5%				
			Ignition Loss	-	≤ 35%				
			Thickness Increase %						
	CHAMPION Style AF160 Acid. A top quality acid resistant compressed synthetic Aramid fibre jointing sheet bonded with special binders Colour : Cream <i>Also Available with antistick coating.</i>	Acid resistant grade. Recommended for use against hot, Concentrated organic/inorganic/mineral acids. Max. Operating Pressure : 150 bars Max. Short Term Service Temperature : 250°C Max. Continuous Service Temperature : 210°C Max. Operating Temperature for steam : 210°C	Density	-	1.8g/cm ³	≤8	≤8	≤8	≤8
			Tensile Strength	ASTM F 152	15 Mpa				
			Compressibility	ASTM F 36	8-12%				
			Residual Stress	BS 7531	25 Mpa				
			Gas Permeability	BS 7531	<0.1 cc/Min				
			Recovery	ASTM F 36	> 50%				
			Water Absorbtion	BS 7531	≤ 5%				
			Ignition Loss	-	≤ 35%				
			Thickness Increase %						

*Note : As the company's products are used for a multiplicity of purposes and as the company has no control over the method of their application or use, the company excludes all conditions or warranties, expressed or implied by statute or otherwise, as to their products and or their fitness for any particular purpose.
Any technical Co-operation between the company and the customer is given for the customer's assistance only and without liability on the part of the company.