

## SEALANT & GASKET (INDIA) PVT. LTD.

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## **COMPRESSED NON-ASBESTOS JOINTING SHEETS - DATA SHEET**

STYLE	PRODUCT PROFILE	*SERVICE CONDITIONS  General purpose gasketing material suitable for use with -	TYPICAL PHYSICAL PROPERTIES			FLUID RESISTANCE			
			Density	-	1.75 g/cm <sup>3</sup>	ASTM	Oil No.3	Fu	iel B
	CHAMPION Style AF110 Steam.  A cost effective product manufactured from ecofriendly natural cellulosic fibers bonded with suitable mix of	Oils, Solvents, Gases, Water, L.P. Steam and most dilute acids and alkalies (Low service conditions).	Tensile Strength	ASTM F 152	8.5 Mpa	Thickness Increase %	Mass	Thickness Increase %	Mass Increase %
			Compressibility	ASTM F 36	8-13%		merease in	illorease in	THE CODE IN
	elastomers.		Residual Stress	BS 7531	22 Mpa	≤10	≤10 ≤10	≤10 ≤10	<u>≤</u> 10
	elastomers.	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  Suitable for light industrial applications. Media: Water, Gases, Medium pressure Steam, Dilute Acids/Alkalies (Medium Service Conditions).	Gas Permeability	BS 7531	<0.5 cc/Min				
	Colour: Red & Green. Also available with wire gauze reinforcement and antistick coating.  CHAMPION Style AF120 Steam. A compressed synthetic Aramid fibre jointing sheet bonded with elastomers to create a matrix of stability.		Recovery	ASTM F 36	≥ 45%				
			Water Absorbtion	BS 7531	< 5%				
			Ignition Loss	-	≤ 40%				
			Density	*	1.9 g/cm <sup>3</sup>				
			Tensile Strength	ASTM F 152	11.5 Mpa				
			Compressibility	ASTM F 36	8-11%				
			Residual Stress	BS 7531	22 Mpa				
	Colour: Green. Also available with wire gauze reinforcement and antistick coating.	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	Gas Permeability	BS 7531	<0.5 cc/Min				
			Recovery	ASTM F 36	> 45%				
			Water Absorbtion	BS 7531	< 5%				
			Ignition Loss		< 30%				
			Density	-	1.85g/cm <sup>3</sup>				
	CHAMPION Style AF 139 High Pressure.  A high quality jointing sheet based on synthetic Aramid fibres bonded with NBR elastomer.	Suitable for use in applications involving hydrocarbons such as oils and solvents, steam, gases, glycols and aqueous solutions. (Medium Service Conditions).	Tensile Strength	ASTM F 152	14 Mpa	≤8	≤8	≤8	≤8
			Compressibility	ASTM F 36	8-12%				
			Residual Stress	BS 7531	22 Mpa				
	Colour: Orange Also Available With Wire gauze reinforcement and antistick coating.	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	Gas Permeability	BS 7531	<0.5 cc/Min				
			Recovery	ASTM F 36	> 40%				
			Water Absorbtion	BS 7531	< 5%				
			Ignition Loss	-	< 35%				
A STATE OF THE STA	V NOTE OF THE PARTY OF THE PARTY.		Density	-	1.8 g/cm <sup>3</sup>	+	$\overline{}$	-	
	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.	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	Tensile Strength	ASTM F 152	15 Mpa		≤8	≤8	≤8
			Compressibility	ASTM F 36	7-11%				
			Residual Stress	BS 7531	25 Mpa				
			Gas Permeability	BS 7531	<0.1 cc/Min				
	Colour: Yellow.  Also available with wire gauze reinforcement and antistick coating.		Recovery	ASTM F 36	> 50%				
			Water Absorbtion	BS 7531	< 5%				
			Ignition Loss	D3 / 33 I	< 35%				
			- X						-
	CHAMPION Style AF159 Oil.  A Premium grade jointing sheet based on special synthetic Aramid fibres bonded with nitrile elastomer.	A universal grade suitable for many industrial sealing applications. Media: Hot oils, fuels, Hydrocarbons and refrigerants. (High Service Conditions)	Density Topollo Strongth	ASTM F 152	1.7 g/cm <sup>3</sup>	≤8	≤8	≤8	_≤8
			Tensile Strength	THE RESERVE OF THE PARTY OF THE	15 Mpa				
			Compressibility Residual Stress	ASTM F 36 BS 7531	10-14%				
	Colour: Grey. Also available with wire gauze reinforcement and antistick coating.	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	Gas Permeability	BS 7531	25 Mpa <0.1 cc/Min				
4/ 9PX			The second secon	ASTM F 36					
Many Many			Recovery Water Absorbtion	BS 7531	≥ 45%				
					≤ 5%				
			Ignition Loss	-	≤ 35%				
	CHAMPION Style AF160 Acid. A top quality acid resistant compressed synthetic Aramid fibre jointing sheet bonded with special binders  Colour: Cream Also Available with antistick coating.	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	ACTN 5 450	1.8g/cm <sup>3</sup>	≤8	≤8	≤8	<u>&lt;</u> 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%				