



Packing Compound Specification Table

Compound		Max. Service Temperature with H2S & CO2 below 1%	Maximum Cocentration limits for H2S	Maximum Cocentration limits for CO2	Max. Service Temperature with H2S & CO2 concentration at Max. limits	Resistance to explosive decomposition in CO2 up to 20%	Performance in Steam Environments	Mechanical Tear & Abrasion Resistance
Name	ASTM Type	F / C	%	%	F / C			
ECONOMY & CLASSIC SERVICE PACKING								
SOFT	SBR	160 / 71	2	NR	120 / 49	POOR	POOR	GOOD
HARD	SBR	160 / 71	2	NR	120 / 49	POOR	POOR	GOOD
TEFLON	SBR	160 / 71	2	NR	120 / 49	POOR	POOR	GOOD
BRASSFILLED	SBR	160 / 71	2	NR	120 / 49	POOR	POOR	GOOD
HSN	HNBR	325 / 163	10	20	250 / 121	EXCELLENT	EXCELLENT TO GOOD	EXCELLENT
HIGH TEMP	NBR	300 / 149	2	25	250 / 121	GOOD	GOOD	EXCELLENT
CX	NBR	300 / 149	2	25	250 / 121	GOOD	GOOD	EXCELLENT
PREMIER PACKING								
Super Life™ 475/575	Polymer	*200 / 93	10	25	200 / 93	EXCELLENT	POOR	GOOD
Super Life™ 675	Polymer	*210 / 93	10	25	200 / 93	EXCELLENT	POOR	GOOD
SB	SILICONE	350 / 176	2	2	250 / 121	POOR	POOR	FAIR
KB™	XNBR	500 / 260	10	10	325 / 162	GOOD	EXCELLENT	EXCELLENT
NITRILE SUPER DOME™	NBR	250 / 121	2	5	150 / 65	FAIR	POOR	GOOD
HSN SUPER DOME™	HNBR	325 / 163	10	20	300 / 149	EXCELLENT TO GOOD	VERY GOOD	EXCELLENT
*AFLAS SUPER DOME™	TFEP	450 / 232	35	15	350 / 177	FAIR	EXCELLENT	FAIR
KB™ SUPER DOME™	XNBR	500/260	10	10	325/162	GOOD	EXCELLENT	EXCELLENT

Important Note: The guidelines on this page are for general purposes only and should not be used as the sole determining factor for packing material selection. Each down hole condition is different and must be addressed on a case-by-case basis to determine the best material solution for your particular well condition.

* Aflas is a registered trademark of Aashi Glass Co. Ltd.

* SL 575 low temp start up rating -40F

* SL 675 low temp start up rating -20F

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