



Nexus Seals

Working With People To Engineer Solutions

Pump and Valve Packing

...IT'S A QUESTION OF STYLE

Style	2771	2733	2901	4100	4109	4300	4340	2600	4600	4960	8201	8901
												
Base Yarn	Non-Asbestos	FLAX	Cotton	Graphite Tape	Graphite	Exp. PTFE	PTFE Tape	Glass Yarn	Glass Rope	Ceramic Fibre	Aramid & Cotton	Aramid & Cotton
Description					Inconel Mesh		Wrapped	Braided	Twisted	Twisted	Putty Packing	Putty Packing
Lubricant	Graphite	PTFE & Oil	Graphite		Flange Seal	Flange Seal					Graphite	Lead Ball
Pressure(bar) Rot./Recip./Stat.	15/70/100	15/80/80	15/15/50	30/- /300	- / - /140	- / - /210	- / - /150	- / - /250	- / - /-	- / - /-	10/- /-	10/- /-
Temp. Min~Max (°C)	-40~100	-40~90	-40~120	-200~650	-200~650	-100~280	-100~260	+540	+540	+1260	-0~200	-0~160
Surface Speed (m/s)	10	10	10	20	N/A	N/A	N/A	N/A	N/A	N/A	10	10
pH	5 - 9	4 - 9	4 - 8	0 - 14	0 - 14	0 - 14	0 - 14	3 - 14	3 - 14	4 - 11	2 - 12	2 - 12



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Style	2300	2301	*3301	*2321	*2361	9361	2366	2381	*2503	2554	*2563	9563	2581	*2633	9633
Base Yarn	PTFE	Graphite PTFE	Graphite PTFE	Graphite PTFE	Graphite PTFE	Graphite PTFE	Graphite PTFE	Graphite PTFE	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic	Spun Aramid	Aramid
Reinforcement/Modified	-	-	-	Carbon Corners	Kelvar Corners	Kelvar Corners	Kelvar	Kynol Corners	-	-	Spun Aramid	Spun Aramid	Kynol/Graphite	-	-
Lubricant	None	-	-	-	-	PTFE	Graphite	PTFE	PTFE & Oil	Fluxin™	PTFE & Oil	PTFE & Oil	PTFE & Oil	PTFE	PTFE & Oil
Pressure(bar) Rot./Recip./Stat.	15/150/150	15/80/150	10/50/100	25/150/200	25/150/200	40/200/250	25/150/200	25/150/200	20/80/110	20/80/150	20/100/200	20/100/200	20/100/200	50/200/250	50/200/300
Temp. Min~Max (°C)	-200 ~ 280	-200 ~ 280	-200 ~ 260	-100 ~ 280	-100 ~ 250	-100 ~ 280	-100 ~ 250	-40 ~ 260	-40 ~ 260	-40 ~ 260	-40 ~ 260	-40 ~ 260	-40 ~ 260	-50 ~ 260	-50 ~ 260
Surface Speed (m/s)	8	18	15	18	15	20	20	12	10	12	11	14	14	12	12
pH	0 - 14	0 - 14	0 - 14	1 - 13	2 - 12	2 - 14	1 - 13	2 - 12	4 - 11	2 - 12	3 - 11	3 - 11	3 - 11	2 - 12	2 - 12



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Style	2122	2192	*2120	2160	*2190	*2199	2169	2101/2	2211	*2201	2203	2803	2833	963S	3305
Base Yarn	Exp. Graphite	Exp. Graphite	Exp. Graphite	Exp. Graphite	Exp. Graphite	Exp. Graphite	Reinf. Glass	Carbon Fibre	Carbon Fibre	Carbon	Carbon	Ramie	Kynol	Aramid Fibre	PTFE
Reinforcement/Modified	Carbon (Internal)	Wire Reinf. Carb	Carbon Corners	Glass Fibre	-	Inconel Wire	Inconel Wire	-	-	-	-	-	-	-	-
Lubricant	-	Carbon Core	-	-	-	-	Graphite Core	Graphite	Graphite Core	Graphite	PTFE	PTFE & Oil	PTFE & Oil	PTFE	Oil
Pressure(bar) Rot./Recip./Stat.	35/100/275	- / - /300	25/100/250	20 / - /100	- / - /580	- / - /300	- / - /350	20/100/300	15 / - /300	20/80/250	20/100/150	10/80/100	20/60/100	25 / 80 / 150	15/80/150
Temp. Min~Max (°C)	-200 ~ 650	-200 ~ 650	-100 ~ 400	-240 ~ 650	-200 ~ 650	-240 ~ 650	-240 ~ 650	-200 ~ 650	-200 ~ 650	-50 ~ 400	-40 ~ 260	-50 ~ 130	-50 ~ 280	-50 ~ +250	-200 ~ 280
Surface Speed (m/s)	20	15	12	16	N/A	N/A	N/A	25	25	13	12	10	15	12	10
pH	0 - 14	0 - 14	2 - 12	0 - 14	0 - 14	0 - 14	3 - 11	0 - 14	0 - 14	1 - 13	1 - 13	4 - 12	1 - 13	2 - 12	0 - 14

***Denotes that a higher grade material is available as well.**

There is a possibility that the effectiveness of the seal may vary, based on numerous factors. The limits in the brochure are for general use only and include a generous safety factor. It is possible that your application may be acceptable despite the published values. Please contact Nexus Seals to assist in the correct evaluation of your requirements.