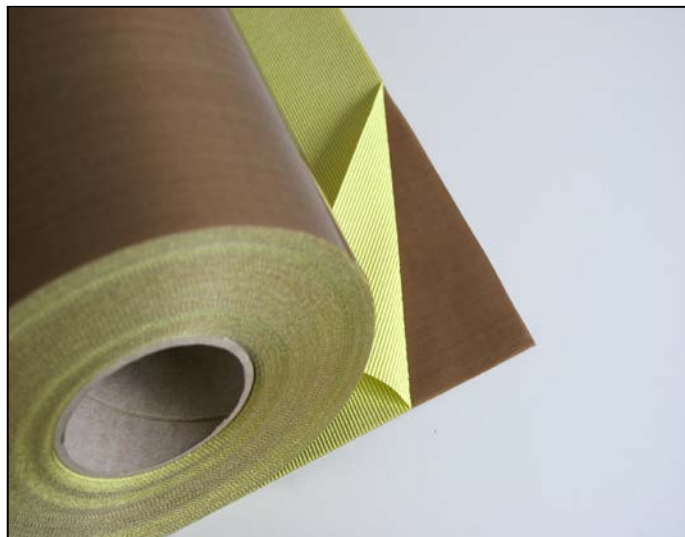




HPP ARMALON Tape

Premium ARMALON Tape Series



HPP Premium HP13 is a fiberglass fabric impregnated with PTFE dispersion and coated with high-temperature, pressure-sensitive acrylic adhesive.

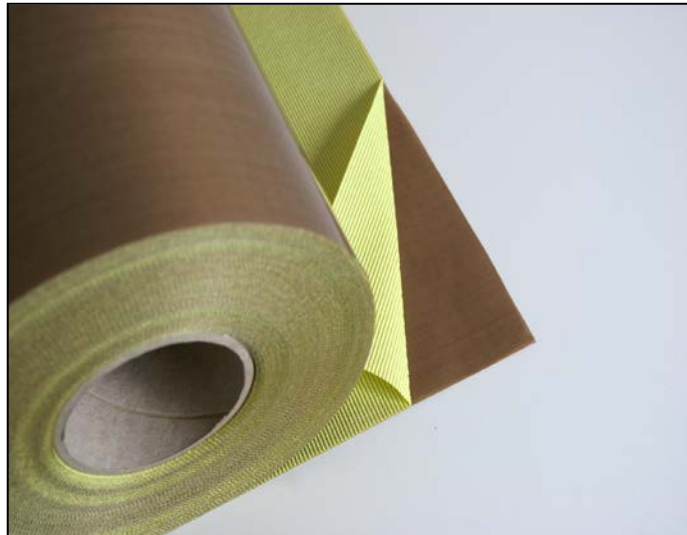
HPP Premium HP15 and HP16 are fiberglass fabric impregnated with PTFE dispersion and coated with high-temperature, pressure-sensitive silicone adhesive.

These Premium Grades are frequently used by the packaging industry as a release surface on heat sealers, blister formation and form-fill-seal equipment. The durability and anti-stick properties of these products make it an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties allow these products to perform as an excellent release surface in the composite aircraft industry.

HPP High Performance Grade ARMALON Tape

Part #	Color	Adhes. System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elong. %	Temperature Range			
			mil	mm	mil	mm	mil	mm	oz/in	g/cm	lbs/in	kg/cm		Min °F	Max °F	Min °C	Max °C
GLASS-PTFE																	
High Performance																	
HP1303R	Nat	A	3.0	0.076	2.0	0.051	5.0	0.127	60	662	90	16.1	<5	-40	350	-73	260
HP1305R	Nat	A	5.0	0.127	2.0	0.051	7.0	0.178	70	773	150	26.8	<5	-40	350	-73	260
HP1306R	Nat	A	6.0	0.152	2.0	0.051	8.0	0.203	75	828	150	26.8	<5	-40	350	-73	260
HP1310R	Nat	A	10.0	0.250	2.3	0.058	5.3	0.312	70	773	325	58.0	<5	-40	350	-73	260
HP1314R	Nat	A	14.0	0.350	2.3	0.058	16.3	0.414	70	773	400	71.4	<5	-40	350	-73	260
HP1503R	Nat	S	3.0	0.076	2.3	0.058	5.3	0.134	50	552	90	16.1	<5	-100	500	-73	260
HP1505R	Nat	S	5.0	0.127	2.3	0.058	7.3	0.185	60	662	150	26.8	<5	-100	500	-73	260
HP1506R	Nat	S	6.0	0.152	2.3	0.053	8.3	0.205	65	718	150	26.8	<5	-100	500	-73	260
HP1510R	Nat	S	10.0	0.250	2.5	0.064	12.5	0.318	80	883	325	58.0	<5	-100	500	-73	260
HP1514R	Nat	S	14.0	0.350	2.5	0.064	16.5	0.420	80	883	400	71.4	<5	-100	500	-73	260
HP1603R	Nat	S	3.0	0.076	2.3	0.058	5.3	0.134	50	552	90	16.1	<5	-100	500	-73	260
HP1605R	Nat	S	5.0	0.127	2.3	0.058	7.3	0.185	60	662	150	26.8	<5	-100	500	-73	260
HP1606R	Nat	S	6.0	0.152	2.3	0.058	8.3	0.205	65	718	150	26.8	<5	-100	500	-73	260
HP1610R	Nat	S	10.0	0.250	2.5	0.064	12.5	0.318	80	883	325	58.0	<5	-100	500	-73	260
HP1614R	Nat	S	14.0	0.350	2.5	0.064	16.5	0.420	80	883	400	71.4	<5	-100	500	-73	260

Premium BC Dark Brown ARMALON Tape Series



HPP Premium BC HP03 is fiberglass fabric impregnated with PTFE dispersion and coated with high-temperature, pressure-sensitive acrylic adhesive.

HPP Premium BC HP05 is fiberglass fabric impregnated with PTFE dispersion and coated with high-temperature, pressure-sensitive silicone adhesive.

Both Premium HP03 and HP05 are frequently used by the packaging industry as a release surface on heat sealers, blister formation and form-fill-seal equipment. The durability and anti-stick properties of both products makes it an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties allow them to perform as an excellent release surface in the composite aircraft industry.

HPP Premium Grade ARMALON Tape

Part #	Color	Adhes. System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elong. %	Temperature Range			
			mil	mm	Mil	mm	mil	mm	oz/in	g/cm	lbs/in	kg/cm		Min °F	Max °F	Min °C	Max °C
GLASS-PTFE																	
Premium Food / Medical Grade																	
HP0303R	Br	A	3.0	0.076	1.7	0.043	4.7	0.118	40	442	90	16.1	<5	-100	500	-73	260
HP0305R	Br	A	5.0	0.127	1.7	0.043	6.7	0.170	55	607	175	31.2	<5	-100	500	-73	260
HP0306R	Br	A	6.0	0.152	1.7	0.043	7.7	0.194	55	607	175	31.2	<5	-100	500	-73	260
HP0310R	Br	A	10.0	0.250	1.7	0.043	11.7	0.297	70	773	250	44.6	<5	-100	500	-73	260
HP0314R	Br	A	14.0	0.350	1.7	0.043	15.7	0.399	70	773	400	71.4	<5	-100	500	-73	260
HP0503R	Br	S	3.0	0.076	1.7	0.043	4.7	0.118	45	497	90	16.1	<5	-100	500	-73	260
HP0505R	Br	S	5.0	0.127	1.7	0.043	6.7	0.170	55	607	175	31.2	<5	-100	500	-73	260
HP0506R	Br	S	6.0	0.152	1.7	0.043	7.7	0.194	55	607	175	31.2	<5	-100	500	-73	260
HP0510R	Br	S	10.0	0.250	1.7	0.043	11.7	0.297	60	662	250	44.6	<5	-100	500	-73	260
HP0514R	Br	S	14.0	0.350	1.7	0.043	15.7	0.399	65	718	400	71.4	<5	-100	500	-73	260

NOTE: For Silicone Adhesives, a yellow-dimpled PVC liner is standard. For Acrylic Adhesives, a blue PE liner is standard.

Standard Grade ARMALON Tape Series



HPP HP23, HP25, HP26 are fiberglass fabric impregnated with PTFE dispersion and coated with high-temperature, pressure-sensitive silicone or acrylic adhesive.

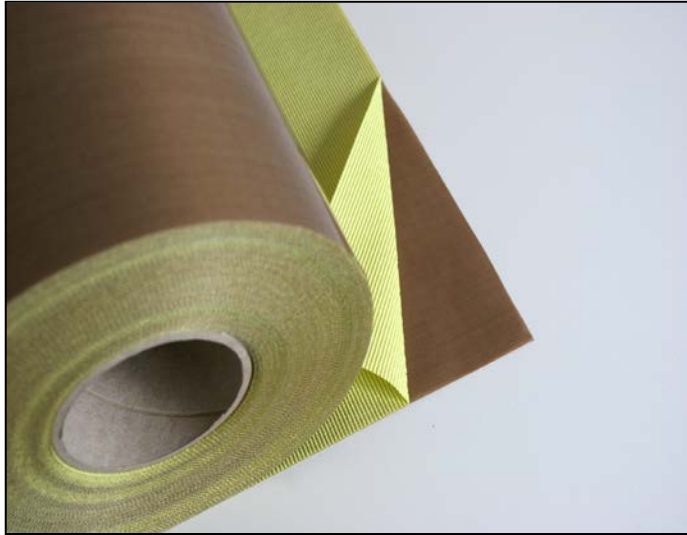
Standard HP23, HP25, and HP26 are frequently used by the packaging industry as a release surface on heat sealers, blister formation and form-fill-seal equipment. The durability and anti-stick properties of these Primary products makes it an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties allow them to perform as an excellent release surface in the composite aircraft industry.

HPP Standard Grade ARMALON Tape

Part #	Color	Adhes. System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elong. %	Temperature Range			
			mil	mm	mil	mm	mil	mm	oz/in	g/cm	lbs/in	kg/cm		Min °F	Max °F	Min °C	Max °C
GLASS-PTFE																	
Standard Grade																	
HP2303R	Nat	A	3.0	0.076	2.0	0.051	5.0	0.127	60	662	90	16.1	<5	-40	350	-40	177
HP2305R	Nat	A	5.0	0.127	2.0	0.051	7.0	0.178	70	773	150	26.8	<5	-40	350	-40	177
HP2306R	Nat	A	6.0	0.152	2.0	0.051	8.0	0.188	75	828	150	26.8	<5	-40	350	-40	177
HP2310R	Nat	A	9.0	0.250	2.3	0.058	11.3	0.287	70	773	250	44.6	<5	-40	350	-40	177
HP2503R	Nat	S	3.0	0.076	2.3	0.058	5.3	0.134	50	552	90	16.1	<5	-100	500	-73	260
HP2505R	Nat	S	5.0	0.127	2.3	0.058	7.3	0.185	60	662	150	26.8	<5	-100	500	-73	260
HP2506R	Nat	S	6.0	0.152	2.3	0.058	8.3	0.205	65	718	150	26.8	<5	-100	500	-73	260
HP2510R	Nat	S	9.0	0.229	2.5	0.064	11.5	0.293	80	883	250	44.6	<5	-100	500	-73	260
HP2603R	Nat	S	3.0	0.076	2.0	0.051	5.0	0.127	45	497	90	16.1	<5	-100	500	-73	260
HP2605R	Nat	S	5.0	0.127	2.0	0.051	7.0	0.178	50	552	150	26.8	<5	-100	500	-73	260
HP2606R	Nat	S	6.0	0.152	2.0	0.051	8.0	0.188	55	607	150	26.8	<5	-100	500	-73	260
HP2610R	Nat	S	9.0	0.229	2.0	0.051	11.0	0.280	70	773	250	44.6	<5	-100	500	-73	260
Standard Grade 48"																	
HP801503	Nat	S	3.0	0.076	2.0	0.051	5.0	0.127	45	497	90	16.1	<5	-100	500	-73	260
HP801505	Nat	S	5.0	0.127	2.0	0.051	7.0	0.178	55	607	180	32.2	<5	-100	500	-73	260
HP801506	Nat	S	6.0	0.152	2.0	0.051	8.0	0.188	55	607	180	32.2	<5	-100	500	-73	260
HP801510	Nat	S	9.0	0.229	2.0	0.051	11.0	0.280	70	773	250	44.6	<5	-100	500	-73	260
HP901504	Nat	S	4.0	0.094	2.0	0.051	6.0	0.152	50	552	90	16.1	<5	-100	500	-73	260
HP901506	Nat	S	6.0	0.152	2.0	0.051	8.0	0.188	60	662	180	32.2	<5	-100	500	-73	260

NOTE: For Silicone Adhesives, a yellow-dimpled PVC liner is standard. For Acrylic Adhesives, a blue PE liner is standard.

Industrial Grade ARMALON Tape Series



HPP Industrial tapes are fiberglass fabric impregnated with PTFE dispersion and coated with high-temperature, pressure-sensitive acrylic or silicone adhesive.

HP33, HP35, HP36, and HPA2005 are frequently used by the packaging industry as a release surface on heat sealers, blister formation and form-fill-seal equipment. The durability and anti-stick properties of these Industrial grades makes them an ideal material for the lining of guide rails, chutes and slides. The high temperature capabilities and non-stick properties allow them to perform as an excellent release surface in the composite aircraft industry.

HPP Industrial Grade ARMALON Tape

Part #	Color	Adhes. System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elong. %	Temperature Range			
			mil	mm	Mil	mm	mil	mm	oz/in	g/cm	lbs/in	kg/cm		Min °F	Max °F	Min °C	Max °C
GLASS-PTFE																	
Industrial Grade																	
HP3303R	Nat	A	3.0	0.076	2.0	0.051	5.0	0.127	60	662	75	13.4	<5	-40	350	-73	260
HP3305R	Nat	A	5.0	0.127	2.0	0.051	7.0	0.178	70	773	160	28.6	<5	-40	350	-73	260
HP3306R	Nat	A	6.0	0.152	2.0	0.051	8.0	0.188	75	828	275	49.1	<5	-40	350	-73	260
HP3310R	Nat	A	8.0	0.203	2.3	0.058	10.3	0.261	70	773	250	44.6	<5	-40	350	-73	260
HP3503R	Nat	S	3.0	0.076	2.3	0.058	5.3	0.134	50	552	75	13.4	<5	-100	500	-73	260
HP3505R	Nat	S	5.0	0.127	2.3	0.058	7.3	0.185	60	662	160	28.6	<5	-100	500	-73	260
HP3506R	Nat	S	6.0	0.152	2.3	0.058	8.3	0.205	65	718	275	49.1	<5	-100	500	-73	260
HP3510R	Nat	S	8.0	0.203	2.5	0.064	10.5	0.267	80	883	275	49.1	<5	-100	500	-73	260
NOTE: For Silicone Adhesives, a yellow-dimpled PVC liner is standard. For Acrylic Adhesives, a blue PE liner is standard.																	
HPA2005	Nat	S	3.0	0.076	2.5	0.064	5.5	0.140	50	551	90	16.1	<5	-100	500	-73	260

HPPLAM Laminate Grade ARMALON Tape Series



HPPLAM TOOLPROP Series tape is manufactured from multi-layer fluoropolymer cast films laminated to fiberglass reinforced fabrics, coated on one side with a high performance silicone pressure-sensitive adhesive for use in the most demanding high temperature environments.

HPPLAM Brown and Copper is fiberglass fabric impregnated with PTFE dispersion, laminated to PTFE film and coated with high temperature pressure-sensitive silicone adhesive. HPPLAM Brown and Copper are frequently used for Tooling & Mold Release and by the packaging industry as a release surface on heat sealers, blister formation and form-fill equipment where heavy production demands a product with more release surface material.

HPP Laminate Grade ARMALON Tape

Part #	Color	Adhes. System	Backing Thickness		Adhesive Thickness		Total Thickness		Adhesion Strength		Tensile Strength		Elong. %	Temperature Range			
			mil	mm	mil	mm	mil	mm	oz/in	g/cm	lbs/in	kg/cm		Min °F	Max °F	Min °C	Max °C
GLASS-PTFE																	
CHEMLAM Brown																	
TP100S	Br	S	4.2	0.107	2.0	0.051	6.2	0.157	45	497	100	17.9	<5	-100	500	-73	260
TP200S	Br	S	5.9	0.149	2.0	0.051	7.9	0.201	50	552	125	22.3	<5	-100	500	-73	260
TP300S	Br	S	9.5	0.241	2.0	0.051	10.5	0.267	55	607	250	44.6	<5	-100	500	-73	260
CHEMLAM Copper																	
TP100SC	Cop	S	4.2	0.107	2.0	0.051	6.2	0.157	45	497	100	17.9	<5	-100	500	-73	260
TP200SC	Cop	S	5.9	0.149	2.0	0.051	7.9	0.201	50	552	125	22.3	<5	-100	500	-73	260
TP300SC	Cop	S	9.5	0.241	2.0	0.051	11.5	0.292	55	607	250	44.6	<5	-100	500	-73	260

NOTE: For Silicone Adhesives, a yellow-dimpled PVC liner is standard.