

TECHNICAL DATA

- Absorb shock and dampen sound and vibrations
- Provide a tight, long-lasting seal against moisture, dust, and air leaks
- Pass FMVSS302, CAN/CSA C22.2 #017-92, and UL 94 HF1 for flammability
- Resist acids, alkali, ozone, and oxidation

Product Description

Pres-On P8100, P8200 and P8300 are specification grade, black closed cell Neoprene/EPDM/SBR blend tapes featuring a high-tack rubber based pressure sensitive adhesive (PSA) on one side with easy-to-use release liner.

P8100: Medium density **P8200:** Soft density **P8300:** Firm density

NOTE: Also available with acrylic PSA on one-side (minimums may apply)

Applications

P8100, P8200 and P8300 are general application tapes recommended for gasketing and weatherproofing windows and doors.

STANDARD ROLL SIZE	SERIAL NUMBER	THICKNESS	LENGTH
P8100 is 42/54 inches wide	P8106	1/16"	100'
P8200 is 54 inches wide	P8112	1/8"	75'
P8300 is 42/54 inches wide	P8118	3/16"	50'
	P8125	1/4"	50'
	P8137	3/8"	25'
	P8150	1/2"	25'
	P8206	1/16"	100'
	P8212	1/8"	75'
	P8218	3/16"	50'
	P8225	1/4"	50'
	P8237	3/8"	25'
	P8250	1/2"	25'
	P8262	5/8"	25'
	P8275	3/4"	25'
	P821	1"	25'
	P8306	1/16"	100'
	P8312	1/8"	50'
	P8318	3/16"	50'
	P8325	1/4"	50'
	P8337	3/8"	25'
	P8350	1/2"	25'
ADHESION PROPERTIES	TEST	TYPICAL PERFORMANCE	TEST METHOD
High-tack pressure sensitive rubber based adhesive. One sided with release liner.	Loop Tack	115 oz/in typical	TLM1 LIB1
	Adhesion to Steel @ 72°F		
	Steel immediate	7 lbs/inch width or foam tear	PSTC-1
	Steel after 24 hours	8 lbs/inch width or foam tear	PSTC-1
	Adhesion to Steel, 20 minute dwell	10 lbs/in width minimum	PSTC-1
	Static Shear @ 72°F 1 x 1 x 500 grams	1000 hours minimum	PSTC-7
	Static Shear @ 72°F 1 x 1 x 1000 grams	200 hours minimum	PSTC-7
	Optimum Application Temperature	50°F to 80°F	Pres-On PTM-1
	Functional Temperature	0°F to 140°F	Pres-On PTM-2
	Shelf Life	1 year stored at room temperature	

P8100, P8200 & P8300 Series

Neoprene / EPDM / SBR Closed Cell Foam Tapes

PHYSICAL PROPERTIES	P8100 TAPE (MEDIUM DENSITY)	TEST METHOD	UNIT OF MEASURE	RESULT
	Density (PCF)	ASTM D1056	PSI kPa	5-9 34.4 - 62
	ASTM-D-1056-67 & 68, Grade #	--	--	SCE 42
	ASTM-D-1056-91 & 07 SAE J18-R7/92	--	--	2C2
	Temperature Resistance*	--	F	-40F to +250F
	Water Absorption (Max)	ASTM D1056	%	5
	Tensile Strength (Min)	ASTM D412 (DIE A)	PSI kPa	100 689.5
	Elongation (Min)	ASTM D412 (DIE A)	%	150
	Compression Set (Max)	ASTM D1056	%	25
	Flammability (UL 94 HF1, FMVSS302)	UL E208679	Pass/Fail	Pass
	UL 50, UL 50E, UL 157, UL 508	UL JMLU2, MH10200	Pass/Fail	Pass
PHYSICAL PROPERTIES	P8200 TAPE (SOFT DENSITY)	TEST METHOD	UNIT OF MEASURE	RESULT
	Density (PCF)	ASTM D1056	lbs/ft ²	6±2
	ASTM-D-1056-67 & 68, Grade #	--	--	SCE 41
	ASTM-D-1056-91 & 07 SAE J18-R7/92	--	--	2C1
	Compression Set (25% Max)	--	Pass/Fail	Pass
	Compression Deflection (25%)	ASTM D1056	PSi	2-5
	Water Absorption (by weight)	ASTM D1056	%	5 (10 allowed)
	Temperature Resistance*	--	F	-40F to +250F
	Elongation (Min)	ASTM D1056	%	150
	Heat Aging (7 days @ 158°F, ±30 max change)	--	Pass/Fail	Pass
	Tensile Strength (Min)	ASTM D1056	PSI	75
	Ozone (20% Stress 72hrs @ 100 PPHM)	ASTM-D-1171-94**	Pass/Fail	Pass
	Oil Resistance (7 days @ 74°F)	Fluid Immersion E1	Pass/Fail	Pass
	Flammability (UL 94 HF1, FMVSS302)	UL E208679	Pass/Fail	Pass
	Flammability (Canada CAN/CSA C22.2#07-92)	UL E208679	Pass/Fail	Pass
	UL 50, UL 50E, UL 157, UL 508	UL JMLU2, MH10200	Pass/Fail	Pass
PHYSICAL PROPERTIES	P8300 TAPE (FIRM DENSITY)	TEST METHOD	UNIT OF MEASURE	RESULT
	Density (PCF)	ASTM D1056	lbs/ft ²	9±2
	ASTM-D-1056-67 & 68, Grade #	--	--	SCE 43
	ASTM-D-1056-91 & 07 SAE J18-R7/92	--	--	2C3
	Compression Set (25% Max)	--	Pass/Fail	Pass
	Compression Deflection (25%)	ASTM D1056	PSi	9-13
	Water Absorption (by weight)	ASTM D1056	%	5 (10 allowed)
	Temperature Resistance*	--	F	-40F to +250F
	Elongation (Min)	ASTM D1056	%	150
	Heat Aging (7 days @ 158°F, ±30 max change)	--	Pass/Fail	Pass
	Tensile Strength (Min)	ASTM D1056	PSI	100
	Ozone (20% Stress 72hrs @ 100 PPHM)	ASTM-D-1171-94**	Pass/Fail	Pass
	Oil Resistance (7 days @ 74°F)	Fluid Immersion E1	Pass/Fail	Pass
	Flammability (UL 94 HF1, FMVSS302)	UL E208679	Pass/Fail	Pass
	Flammability (Canada CAN/CSA C22.2#07-92)	UL E208679	Pass/Fail	Pass
	UL 50, UL 50E, UL 157, UL 508	UL JMLU2, MH10200	Pass/Fail	Pass
	*For temperature resistance lower and or higher than the above figures, please contact customer service. Under certain conditions, values greater than -40/+250 are possible.			

Application Notes

Ensure bonding surfaces are well unified, clean, dry and free of dirt and oils. Apply firm and even pressure to improve adhesive-to-surface contact. Allow proper temperature and time to enhance bond strength as adhesive flows onto the surface.