



## UHA™ 8709

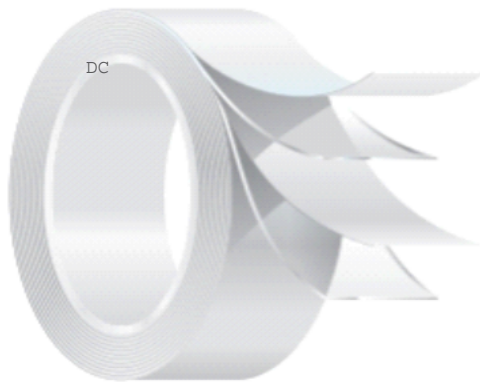
Avery Dennison™ UHA™ 8709 was specifically designed for bonding automotive trim carpeting. The double-coated construction provides consistent lamination and performance on coarse, tufted carpets.

### FEATURES

- Patented adhesive technology on both sides
- Firm, high tack adhesive
- Non-woven carrier, densified kraft release liner

### BENEFITS

- Excellent quick stick and adhesion to low surface energy plastics
- High temperature resistance
- Double-coated construction for consistent laminations to uneven or coarse material



### CONSTRUCTION:

**Liner:**

80# White Kraft

**Adhesive 1:**

Crosslinked Elastomer

**Carrier:**

Non-Woven

**Adhesive 2:**

Crosslinked Elastomer

**UHA™ 8709****Adhesive Properties:**

Thickness	ASTM D3652	Typical Values		
		US Mils	MM's	Micron's (µm)
Liner		4.6	0.12	117
Adhesive 1 - Liner		5.2	0.13	132
Carrier		1.0	0.03	25
Adhesive 2 - Unwind		2.9	0.07	74
Total Caliper without Liner:		9.1	0.23	231
Total Caliper:		13.7	0.35	348

**Peel Adhesion** ASTM D3330

180° 12 in (305 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	10 min dwell	9.6	1,691
	Unwind		5.6	986
ABS	Liner	10 min dwell	8.2	1,444
PP	Liner	10 min dwell	7.4	1,303
Talc PP	Liner	10 min dwell	5.9	1,039
LDPE	Liner	10 min dwell	3.8	669
HDPE	Liner	10 min dwell	4.8	845
TPO	Liner	10 min dwell	5.8	1,021
Painted Metal	Liner	10 min dwell	8.7	1,532
Polycarbonate	Liner	10 min dwell	6.6	1,162

**Loop Tack** ASTM D6195

180° 20 in (508 mm) / min

Substrate			Lbf / In	N / Meter
SS	Liner	Initial	19.0	3,346
	Unwind		12.0	2,113

**Static Shear** ASTM D3654180° 1" sq (6.5 cm<sup>2</sup>) 10 lb @ Room Temp

Substrate			Mins to Fail
SS	Liner	Initial	> 10,000
	Unwind		> 1,500

**TEMPERATURES**

	° F	° C
Minimum Application Temperature	50° F	10° C
Maximum Continuous Operating Temperature	225° F	107° C
Maximum Intermittent Operating Temperature	275° F	135° C

THE LISTED VALUES ARE TYPICAL AND NOT INTENDED TO SERVE AS PRODUCT SPECIFICATIONS

**APPLICATION TECHNIQUES**

- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

**STORAGE / SHELF LIFE**

- One year when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging.

Please refer to [Tapes.AveryDennison.com](http://Tapes.AveryDennison.com) for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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