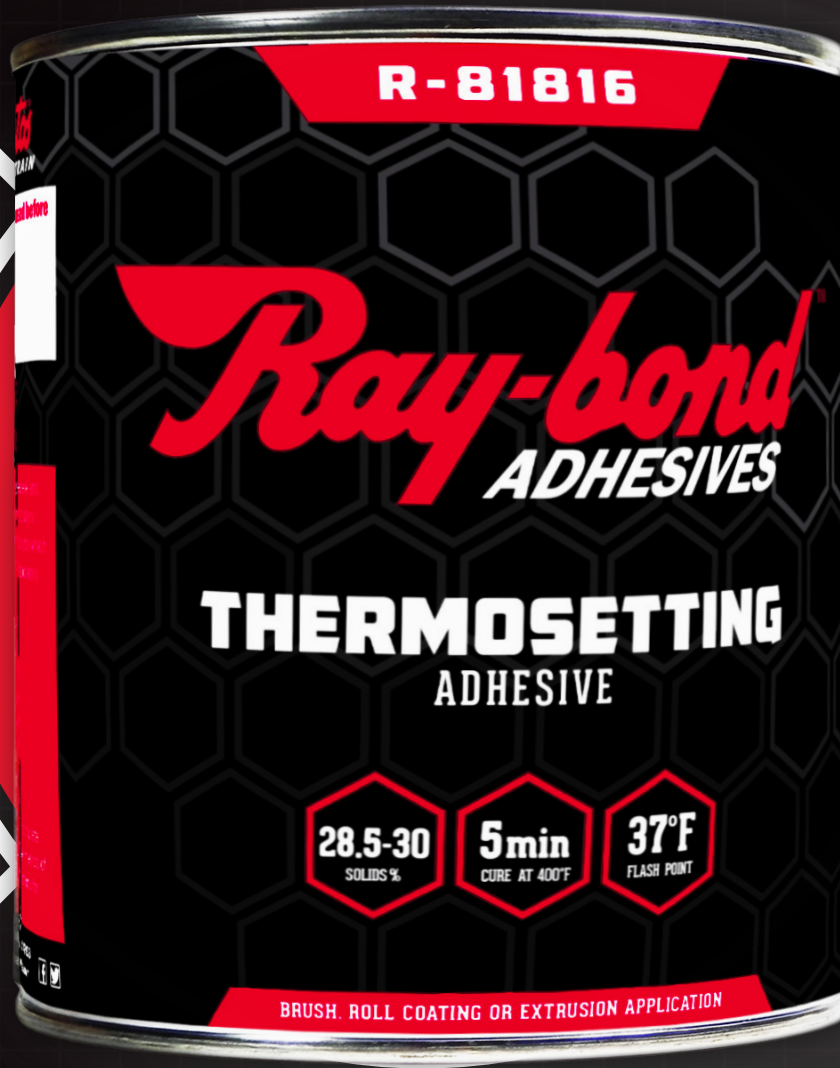




ENGINEERED SOLUTIONS



THERMOSETTING ADHESIVES

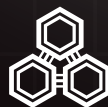
Raybestos® Powertrain's OEM-quality Ray-Bond™ friction bonding adhesives stay strong in high temperatures with high shear strength – and they have a virtually unlimited range of uses and applications. From torque converter pressure plates to friction plates to electrical connectors, we have the dependable adhesive solution you need. Each type of Ray-bond friction bonding adhesive is available in convenient 1 quart, 5 gallon and 50 gallon sizes.

RECOMMENDED USE:

Torque converter pressure plates, transmission bands, friction plates, brake bands, brake shoes and pads, electrical connectors, military applications



WITHSTANDS HIGH TEMPERATURES



OEM QUALITY BONDING



HIGH SHEAR STRENGTH



LARGE RANGE OF APPLICATIONS



INDUSTRY VERSATILE



ADHESIVE SELECTION GUIDE

Product #	R-81005	R-81816	R-84017	R-84048	R-85014
Type:	Nitrile Phenolic Thermosetting Adhesive	Nitrile Phenolic Thermosetting Adhesive	Phenolic Thermosetting Adhesive	Phenolic Thermosetting Adhesive	Phenolic Thermosetting Adhesive
Color:	Black	Black	Amber	Amber	Amber
Recommended Usage:	Friction material to metal	Friction material to metal	Friction material to metal	Friction material to metal	Protective coat & bonding aid
Application Method:	Knife spread, roll coat, brush, spray	Roll coat, brush, extrusion	Brush, spray, or dip	Roll coat, or brush	Spray or dip
Solids %:	27-31	28.5-30	32-36	52-55	23-25
WT/Gal:	8.2 lbs.	7.6 lbs.	7.7 lbs.	8.4 lbs.	7.5 lbs.
Viscosity 25 °C (77 °F):	3500-4500 (cps)	1700-2200 (cps)	34-54 (cps)	3800-4800 (cps)	N/A
Chemically Resistant to:	Brake fluid, oils, water	Brake fluid, oils, water	Brake fluid, oils, water	Brake fluid, oils, water	Brake fluid, oils, water
RM Temp. psi:	1750	1750	1850	2000	N/A
400 °F psi:	600	600	1500	600	N/A
Flash Point:	37 °F	37 °F	66 °F	71 °F	48 °F
Shelf Life 45 °F:	90 days	45 days	180 days	90 days	90 days
Shelf Life 70 °F:	45 days	30 days	45 days	30 days	45 days