

Dynatex®

DYNA SERIES®

The Dynatex Dyna Series' advantages:

- Oximes
- Non-Corrosive
- Meet OEM Specifications
- O² Sensor Safe
- Low Odor
- Will Not Leak



DynaBlack® is a fast curing RTV form-in-place gasketing compound for pressed pan and mechanical assemblies. It maintains flexibility through thermal cycling and boasts excellent resistance to oil, water, and antifreeze. It works in temperatures ranging from -85°F to 500°F.



DYNACOPPER® RTV silicone Hi-Temp Gasket Maker is a low volatile, high temperature, advanced formula material; that is safe for use on vehicles with oxygen sensors, in addition to all other vehicles. It is oil resistant, highly flexible, will not leak, and is temperature resistant up to 700°F (371°C), intermittent. Improves engine sealing applications, will withstand elevated temperatures of late model engines.



DynaGrey® is a low odor, sensor-safe, non corrosive silicone gasketing compound. Designed for high torque applications, it remains flexible through thermal cycling and provides excellent resistance to oil, water and antifreeze. It is fast curing, an effective between temperatures of -85°F and 500°F.



DynaPlus® is a neutral cure elastomeric form-in-place rubber gasket maker. It has been uniquely formulated to provide a quicker cure time and excellent adhesion for a quicker return to service. In addition to these properties, its formulation increases its resistance to water, anti-freeze, transmission fluid and engine oil. It is capable of peak performance up to 500°F.

For comparative performance data, see the reverse side.

Dynatex® DYNASERIES®

The DYNASERIES is available in a variety of packaging options: Blistercarded tubes, 8oz. auto cans, and up to 300 mL cartridges. The DYNASERIES combines performance and versatility to meet the needs of its users in a variety of applications!

PRODUCT	COMPETITOR	DYNATEX DYNAGREY	COMPETITOR	DYNATEX DYNAPLUS	DYNATEX DYNABLACK
TYPE	OXIME	OXIME	OXIME	OXIME	OXIME
APPEARANCE	SLIGHTLY GRAINY	SMOOTH	SMOOTH	SMOOTH	SMOOTH
COLOR	GREY	GREY	BLACK	BLACK	BLACK
SPECIFIC GRAVITY	1.46	1.35	1.35	1.36	1.42
EXTRUSION RATE (G/MIN.)	414	347	54	122	373
SLUMP (IN.)	0	0	0	0	0
SKIN OVER TIME (MIN.)	5	5	3	3	
TACK FREE TIME (MIN.)	38	33	12		
VOLATILES (%)	5.99	3.04			3.2
NON-VOLATILES (%)	94.01	96.96			
OIL GEL TEST			PASS	PASS	PASS
SHORE "A"	66	47	39	40	
TENSILE STRENGTH (PSI)	420	294	368	354	209
ELONGATION (%)	161	387	574	491	307
MODULUS (PSI)	311	142	136	152	
336 Hours Immersion in SW30 at 150 °F					
CHANGE IN VOLUME (%)	1.99	2.87	9	6	10
CHANGE IN TENSILE STRENGTH (%)	-34.79	-37.75	-17	-28	-60
CHANGE IN ELONGATION (%)	-35.25	-35.65	-24	-23	-54
CHANGE IN SHORE "A"	-27.42	-10.63			
70 Hours immersion in ASTM #3 Oil At 150 °C					
CHANGE IN VOLUME (%)	3.63	4.06	5	5	2.07
CHANGE IN TENSILE STRENGTH (%)	-43.81	-31.97	-32	-29	-30.43
CHANGE IN ELONGATION (%)	-46.58	-33.07	-24	8	-32.3
CHANGE IN SHORE "A"	-30.30	-21.27			-22.86
Heat Aging: 168 Hours at 175 °F					
CHANGE IN TENSILE STRENGTH (%)	8.23	8.75	-4	-6	9.45
CHANGE IN ELONGATION (%)	-37.52	-24.29	-35	-28	-34.65

PRODUCT	COMPETITOR	DYNATEX DYNACOPPER
TYPE	OXIME	OXIME
COLOR	METALLIC COPPER	COPPER
SPECIFIC GRAVITY	1.06	1.05
EXTRUSION RATE (G/MIN.)	352	287
SLUMP (IN.)	0	0
SKIN OVER TIME (MIN.)	4	4
TACK FREE TIME (MIN.)	31	38
SHORE "A"	31	31
TENSILE STRENGTH (PSI)	327	319
ELONGATION (%)	420	476
MODULUS (PSI)	105	74
Heat Aging: 100 Hours at 450 °F		
SHORE "A"	24	23
TENSILE STRENGTH	195	207
ELONGATION (%)	384	386
MODULUS (PSI)	61	49
Heat Aging: 336 Hours at 450 °F		
SHORE "A"	22	21
TENSILE STRENGTH	228	221
ELONGATION (%)	391	349
MODULUS (PSI)	69	43
Heat Aging: 1 Hours at 600 °F		
SHORE "A"	17	15
TENSILE STRENGTH	110	118
ELONGATION (%)	276	255
MODULUS (PSI)	44	38
Heat Aging: 1 Hours at 700 °F		
SHORE "A"	36	42
TENSILE STRENGTH	130	111
ELONGATION (%)	66	56



All testing performed by Soudal in Soudal Research and Development Lab. Competitive testing is not meant for creation of specifications.