TECHNICAL DATASHEET:
553 EPDM Sheet Rubber (50 Duro)

PRODUCT DESCRIPTION

Solid EPDM sheet rubber (American Biltrite AB-553, ASTM D2000 3BA515B13C12F19). Black, smooth finish.

TYPICAL APPLICATIONS

- Gaskets
- Washers
- Weather-stripping
- Automotives
- Electrical applications

PRODUCT FEATURES & BENEFITS

- Excellent resistance to heat, ozone and sunlight
- Very good flexibility at low temperatures
- Good resistance to alkalis, acids and oxygenated solvents
- Superior resistance to water and steam
- Excellent color stability

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16", 1/8", 3/16", 1/4"	
COLOR	Black	
POLYMER	Ethylene Propylene Diene Monomer (EPDM)	
COMPRESSION SET, 22 HOURS @ 158°F (MAX)	25%	ASTM D395 B
TENSILE STRENGTH (MIN)	1,500 psi	ASTM D412
ELONGATION (MIN)	400%	ASTM D412
DUROMETER/HARDNESS (SHORE A)	50	ASTM D2240
SPECIFIC GRAVITY	1.16 gr/cc	
OZONE 50 PPHM, 70 HOURS @ 104°F	No cracking	ASTM D1171
COLD TEMPERATURE	-67°F (-55°C)	ASTM D2137
HARDNESS CHANGE AFTER HEAT AGING 70 HOURS @ 212°F	±15 points	ASTM D573
TENSILE CHANGE AFTER HEAT AGING 70 HOURS @ 212°F	±30% max.	ASTM D573
ELONGATION CHANGE AFTER HEAT AGING 70 HOURS @ 212°F	-50% max.	ASTM D573
TEMPERATURE RANGE	-40°F to 250°F	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. H-O will provide samples for this purpose at no charge. **REV. 1**