

# 55160

## SYNTHETIC RUBBER LINING

March 2015

**Polycorp 55160** is a 60A durometer black SBR compound with ozone resistance and good physical properties for sliding abrasion application. Operating temperature range is from - 40°F (-40°C) to 160°F (71°C). **FOR MOLDING APPLICATIONS ONLY!**

### TYPICAL PROPERTIES:

Property	Value	ASTM Test Method
Hardness	60 A ± 5	D2240
Tensile Strength (min, psi)	1500	D412
Elongation at Break (min, %)	400%	D412
Specific Gravity	1.22	D297
Compression Set (max. %)	50	D395
<b>Heat aging 70 h @ 70°C</b>		D573
Change in Hardness (pts)	± 15	D2240
Change in Tensile Strength (%)	± 30%	D412
Change in Elongation at Break (max. %)	- 50%	D412
Adhesion to Metal (min, lbs)	25	D429
Operating Temperature Range for Optimum Shelf Life	- 40°F (-40°C) to 160°F (71°C)	N/A

All physical property values developed and measured using a press-cured sample sheet prepared in accordance with ASTM D3182.

### ADHESIVE NOTES:

Use adhesives in well-ventilated area and always consult the material safety data sheet for specific precautions.

Coat	Polycorp Adhesive	Approved Equivalent
1 <sup>st</sup> Coat on Metal	C-90 Primer	Chemlok 289
2 <sup>nd</sup> Coat on Metal	C-91 Intermediate	Chemlok 290
3 <sup>rd</sup> Coat on Metal	C-202S Tack	Chemlok 286

### STORAGE:

Store in a cool and dry area.

Shelf Life	
Stored below 50°F (10°C)	180 days
Stored between 51 and 70°F	60 days
Stored between 71 and 90°F	45 days
Do not store above 90°F (32°C)	

Depending on storage conditions it may be possible to use rubber linings beyond the recommended shelf life however additional testing must be completed. Please contact Polycorp for recommended test procedures. A sample of the rubber lining can also be sent back to Polycorp for verification.

Storage, handling and application methods must conform to the Polycorp Rubber Lining Application Manual