

## Technical Data

Chlorosulfonated Rubber Sheets  
(Hypa60 Pro)

### Hypa60 Pro

**Model: RS-HYPA-CSM13060**

**Hypa60 Pro** is a chlorosulfonated polyethylene (CSM/Hypalon) rubber sheet formulated for use in chemically aggressive and weather-exposed environments.

It offers resistance to ozone, UV radiation, dilute acids, and alkalis, while retaining flexibility and dimensional stability over a wide temperature range.

Designed for both dynamic and static applications, Hypa60 Pro is well-suited for sealing, lining, and protective covering in industrial systems subject to environmental stress and moderate chemical exposure.

Hypa60 Pro delivers cross-functional value by combining excellent weathering resistance with moderate chemical stability, ideal for users seeking a rugged yet flexible elastomer.

Its long-term outdoor performance and durability across cleaning cycles or corrosive vapors reduce premature replacements and maintenance, making it a preferred choice for plant maintenance and equipment protection in exposed industrial zones.

### PRODUCT FEATURES



**Resists ozone and UV degradation**

Enables longer service life in outdoor or rooftop installations without cracking or surface decay



**Improved adhesion characteristics**

Compatible with a broad range of surfaces for use in bonded or laminated systems



**Performs under high thermal and chemical loads**

Retains structural and sealing performance in combined heat and chemical exposure



**Gas- and liquid-resistant barrier**

Offers effective containment where vapor or chemical leakage must be controlled



**Durable in mechanically active systems**

Withstands movement and pressure variation without cracking or delaminating



**Consistent physical behavior over time**

Maintains performance characteristics in long-term or static applications



### DID YOU KNOW?

Hypalon rubber (chlorosulfonated polyethylene) offers exceptional resistance to acids, alkalis, and solvents, which is why it was widely used in industrial roofing and chemical containment before its production ceased in 2010.

(Source: Polymer Materials Review)



MEASURED PROPERTIES	TESTING STANDARD	SPECIFIED VALUES	OBSERVED VALUES	
PHYSICAL & MECHANICAL PROPERTIES				
Tensile Strength	ASTM D412	10.0 MPa (Min)	10.8 MPa	
Elongation at Break	ASTM D412	350% (Min)	400%	
Hardness	ASTM D2240	60° ± 5° Shore A	61° Shore A	
Specific Gravity	ASTM D297	1.30 ± 0.05	1.32	
Working Temperature	-	-40 °C to +130 °C	Conforms	
CHEMICAL RESISTANCE				
Ozone	Dilute Acids & Bases	Conc. Acids & Bases	Oils	Solvents
Excellent	Excellent	Good	Moderate	Fair
IDENTIFICATION				
Branding	Duratuf			
Colour	Black			
Grade	Pro			
Polymer	Hypalon			
Finish	Top & bottom plain			
Packaging	With white coloured HDPE woven fabric			
Labelling	Label indicating Product Name, Dimensions, Batch No., Mfg. Month & Year, Quantity, and Package No. to allow traceability			

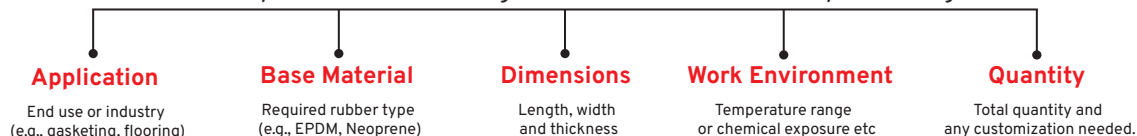
Note: Manufacturing tolerance of ± 10% on thickness, ± 2% on width and length and ±10% on weight shall be applicable.

Applications	<ul style="list-style-type: none"> <li>• Roofing membranes in UV and ozone-exposed areas</li> <li>• Chemical tank linings and duct covers</li> <li>• Gaskets and seals in HVAC and outdoor units</li> <li>• Protective covers for marine and floating structures</li> <li>• Lining in flue gas or exhaust systems</li> <li>• Chemical and acid splash barrier curtains</li> <li>• Industrial weatherproof expansion joints and bellows</li> </ul>
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