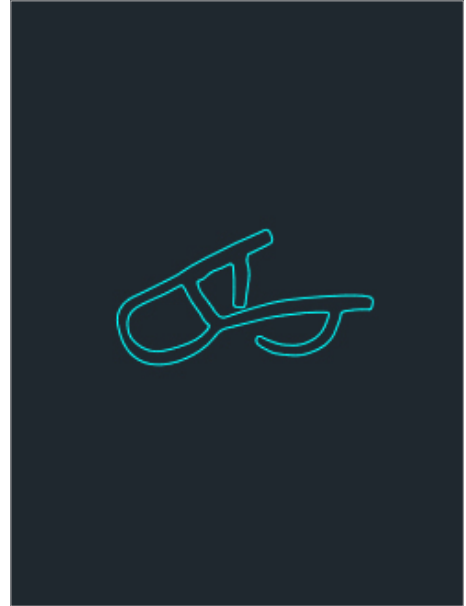


WEATHER SEAL

- »This custom blend offers balanced elasticity and strength.
- »TN735E provides flexibility and elongation, while TN770E increases hardness and dimensional stability.
- »Ideal for sealing, gasketing, and outdoor/indoor weatherproofing applications.
- »Resistant to vibration and mechanical fatigue
- »Flat braid design ensures good surface contact and easy installation
- »**General Information of the Blended Compound:**
 - »**Product Type:** Silicone Rubber (Custom Blend)
 - »**Blend Ratio:** 55% TN735E / 45% TN770E
 - »**Color / Appearance:** Translucent
 - »**Curing Conditions:** 175 °C × 6 minutes (Press Cure)



Estimated Test Results - Blend (55% TN735E + 45% TN770E)

Test Item	Unit	Estimated Value	Method
Hardness	Shore A	~51	JIS
Specific Gravity	g/cm ³	~1.17	ISO 2781
Tensile Strength	MPa	~8.34	ISO/DIS-37
Elongation at Break	%	~606	ISO/DIS-37
Tear Strength (Die C)	Kgf/cm	~20.62	ISO 34
Linear Shrinkage	%	~3.44	ISO 7619
Plasticity	—	~217	ISO 7323



Actual Test Results - TN735E & TN770E

Test Item	Unit	TN735E	TN770E	Method
Hardness	Shore A	35	71	JIS
Specific Gravity	g/cm ³	1.12	1.22	ISO 2781
Tensile Strength	MPa	9.29	7.14	ISO/DIS-37
Elongation at Break	%	882	286	ISO/DIS-37
Tear Strength (Die C)	Kgf/cm	20.69	20.51	ISO 34
Linear Shrinkage	%	3.71	3.10	ISO 7619
Plasticity	—	151	297	ISO 7323

