Lottmer®

Thermoplastic Elastomer



LOTTE Chemical's LOTTMER® is a material that has the properties of thermosetting plastics such as hardness and viscoelasticity. It can be also freely molded like thermoplastics when heated. In addition, it has excellent elastic recovery, strong heat resistance, weatherability, chemicals and ozone resistance, among others. It can be used as a replacement for soft PVC or thermosetting rubber (CR, NBR, EPDM, etc.).

Lottmer® PRODUCT PORTFOLIO

1. H-series

Long-term reliability · Restoring strength · Processability · Recyclability

TPV based PP, EPDM

Characteristics	Restoring strength	Oil resistance	Weatherability	Flowability	High heat resistance	Specialty	
						Flame retardant	Dimensional ability
Grade	• HX-064AB • HX-075AB	• HX-064AB • HX-093AB • HS-040DB	• HS-350AB • HS-360AB • HX-380AB • HS-385AB • HS-335DB • HS-350DB • HS-350DBW	• HS-360AB • HS-385AB • HX-145DB • HX-155DB	• HX-065DB	• HS-265AB	• HS-065ABG

APPLICATIONS

Automotive · E&E · Building & Construction



Air intake hose



Fuel door seal



Weather strip

2. S-series

High resilience | Exterior design | Processability | Colorability

TPE based PP, SEBS

Characteristics	Adhesiveness	Expanded	Hygiene	Flowability	Weatherability	Specialty	
						Transparent	High resilience
Grade	• SH-650AB* • SH-660AB • SH-660ABW • SH-680AB	• SH-435AB	• SE-130AN • SE-140AN • SE-060AN • SH-060AT	• SE-130AB • SE-140AB • SE-050AN/B(S2) • SE-770AB • SE-180AB-TRY • SE-780AB • SE-790AB	• SE-350DN • SE-360DN • SE-360DB • SE-360DW • SE-380DB	• SH-060AT	• SE-060AN

APPLICATIONS

Automotive | E&E | Building & Construction, Agricultural purpose | Sundries



Window gasket

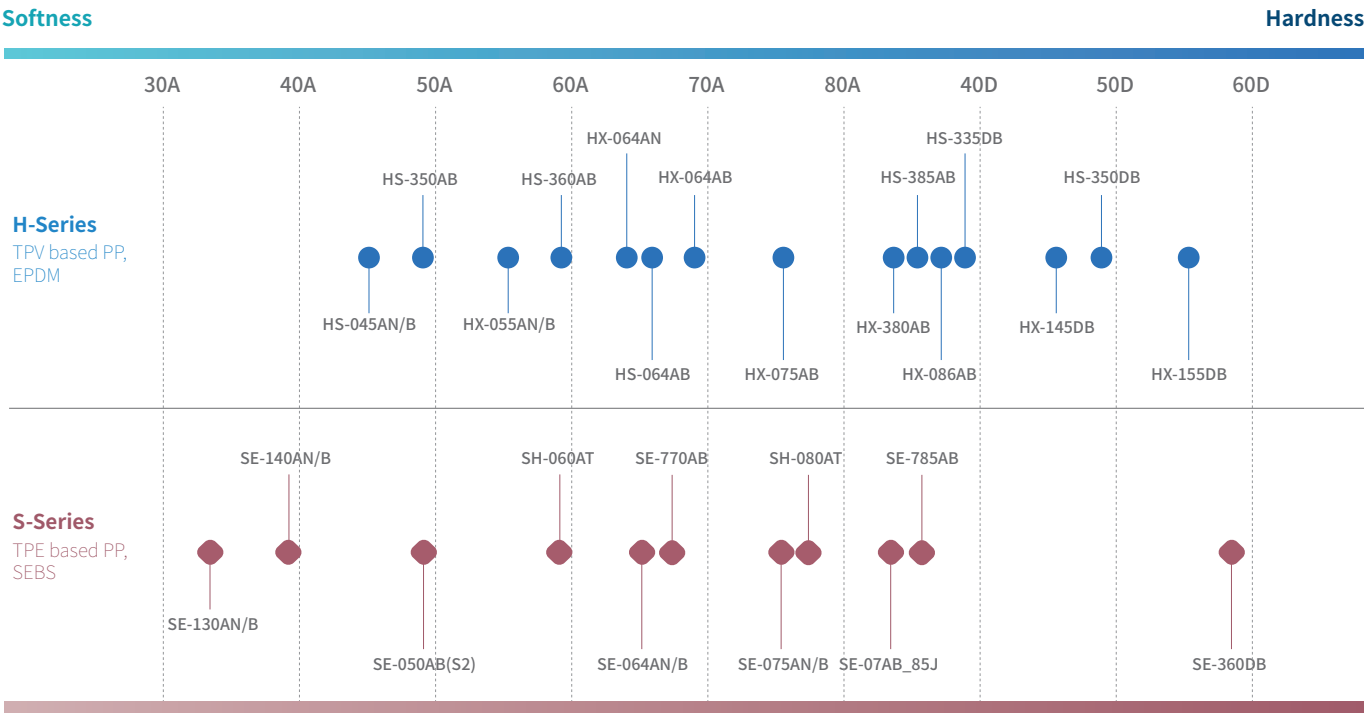


Hose for home appliances



TV frame gasket

Hardness comparison (Softness - Hardness)



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