

# Real solutions. Real soft choice.

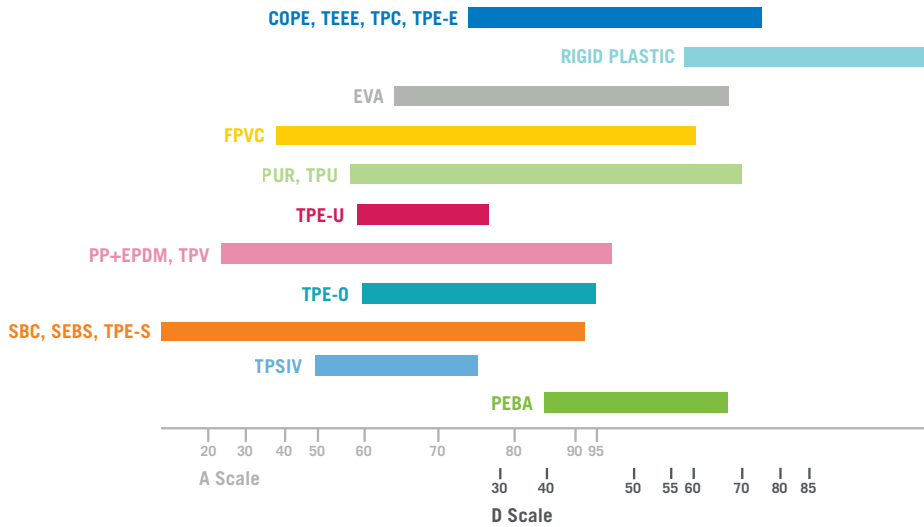
As the industry changes from day to day, so do the requirements of your products. That's why you need a partner that evolves with you. With the industry's most comprehensive portfolio of thermoplastic elastomers, we have the depth and breadth of materials to meet the needs of your consumers far and wide.



Types of Material	Abbreviations	Hardness Range	Abrasion Resistance	Scratch Resistance	Service Temperature	Compression > 100 ° C	Colorability	Flowability	UV Performance	Tradenames
Copolyester Elastomer	COPE, TEEE, TPC, TPE-E	25D - 75D	Better	Better	Best	Better	Better	Better	Better	DSM EP Arnitel <sup>®</sup> LG Chem Keyflex <sup>®</sup>
Polyether Block Amide	PEBA	40D - 68D	Better	Better	Better	Good	Better	Better	Better	Evonik <sup>®</sup> Vestamid <sup>®</sup> E
Polyurethane/Elastomer Block Copolymer	TPE-U	58A - 76A	Better	Better	Good	Good	Best	Better	Good	Kraiburg Copec <sup>®</sup>
Styrenic-Based Thermoplastic Elastomer	SBC, SEBS, TPE-S	00A - 93A	Good	Good	Good	Better	Best	Best	Best	Americhem Sevrene <sup>®</sup> Kraiburg Thermolast <sup>®</sup> Multibase Multi-Flex <sup>®</sup> Teknor Apex Elexar <sup>®</sup> Teknor Apex Monprene <sup>®</sup> Teknor Apex Telcar <sup>®</sup>
Thermoplastic Polyolefin Blends	TPE-O	60A - 93A	Good	Good	Good	Good	Best	Better	Better	Kraiburg For-tec E <sup>®</sup> Multibase Multi-Flex <sup>®</sup>
Thermoplastic Polyurethane	PUR, TPU	56A, 70D	Best	Best	Best	Good	Better	Good	Good	Huntsman Avalon <sup>®</sup> Huntsman Irogran <sup>®</sup>
Thermoplastic Silicone Vulcanizate	TPSiV	50-75A	Better	Better	Better	Good	Best	Better	Better	Multibase TPSiV <sup>™</sup>
Thermoplastic Vulcanizate	PP+EPDM, TPV	23A-47D	Good	Good	Better	Best	Better	Better	Best	Teknor Apex Sarlink <sup>®</sup>

Additional Soft Choice Materials				
Types of Material	Abbreviations	Hardness Range	Appearance	Tradenames
Ethylene Vinyl Acetate	EVA	64A - 68D	Transparent	LG Chem EVA TPI Polene EVA
Flexible Polyvinyl Chloride	FPVC, PVC	38A - 60D	Transparent	Americhem PVC Sylvin Compounds
Polyphenylene Ether + Thermoplastic Elastomer	PPE+TPE	92A-63D	Opaque	SABIC's Specialties business FLEX NORLYL <sup>™</sup>

## Durometer Scale



## Your soft choice

Our soft materials are available in grades that naturally form a chemical bond for adhesion with the substrates indicated below.

**Chart Key** + Adheres - Will not adhere \* Special grades of material will adhere

Soft Touch Material	ABS	PA 6	PA 6/6	PBT	PC	PC/PBT	PE	PET	PMMA	POM	PP	PS	PVC	SAN
COPE	+	*	*	+	+	+	-	-	+	-	-	+	+	+
FPVC	+	-	-	-	-	-	-	-	-	-	-	-	+	+
TPE-S	*	*	*	-	*	-	+	-	-	*	+	+	-	+
TPU	+	+	-	-	+	-	-	-	-	-	-	-	-	+
TPV	-	-	-	-	-	-	+	-	-	-	+	-	-	-

## When flexibility matters

When your needs shift, so do we. Whether it's a change in material specifications or a delivery date, we respond with urgency and flexibility to ensure your success.



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