



YOUR SOFT CHOICE

Chase Plastics offers the industry's most comprehensive portfolio of thermoplastic elastomers.



Copolyester Elastomers (COPE)

- Ductile down to -70°C
- Excellent flex fatigue properties
- High service temperature
- High tear/abrasion and weather resistance
- Very good compression set
- 25 shore D - 75 shore D

TRADE NAMES:

- DSM-EP Arnitel®
- LG Chem Keyflex BT®

Polyvinyl Chloride (PVC)

- Good flexibility
- Inherently flame-retardant
- Wear and abrasion resistance
- 38 shore A - 60 shore D

TRADE NAMES:

- A. Schulman Polyvin®
- Sylvin Compounds
- Vi-Chem PVC



Thermoplastic Polyurethane (TPU)

- Abrasion resistance
- Compression set
- Hydrolytic stability (some grades)
- Tear resistance
- 56 shore A - 59 shore D (80 shore D for coatings)

TRADE NAMES:

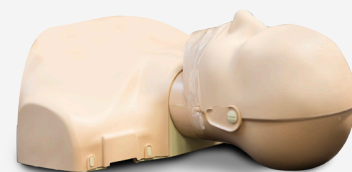
- Huntsman IROGRAN®
- Huntsman AVALON®

Thermoplastic Vulcanizates (TPV)

- Low hardness 35 A
- Good compression set
- Tactile feel
- Chemical resistance
- Low density
- 23 shore A - 47 shore D

TRADE NAMES:

- Teknor Apex Sarlink®



Styrene Ethylene Butylene Styrene (SEBS)

- Good cost vs. performance
- Available in the lowest possible durometer
- Low temperature impact
- Tactile feel
- Zero shore A - 93 shore A
- Medical/health care markets

TRADE NAMES:

- A. Schulman Invision®
- Teknor Apex Elexar® TPE
- KRAIBURG THERMOLAST K, THERMOLAST® M
- Teknor Apex Monprene® RG
- Multibase Multi-Flex®
- Teknor Apex Monprene® OM
- Teknor Apex Telcar® TPE
- Vi-Chem Sevrene®

Thermoplastic Polyolefin Blends (TPE-O)

- Chemical resistance and nylon bonding

TRADE NAMES:

- KRAIBURG FOR-TEC E™



Polyurethane/Elastomer Block Copolymer (TPE-U)

- Combination of surface feel and adhesion

TRADE NAMES:

- KRAIBURG COPEC®

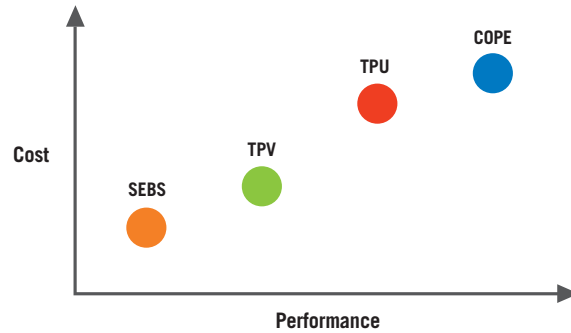


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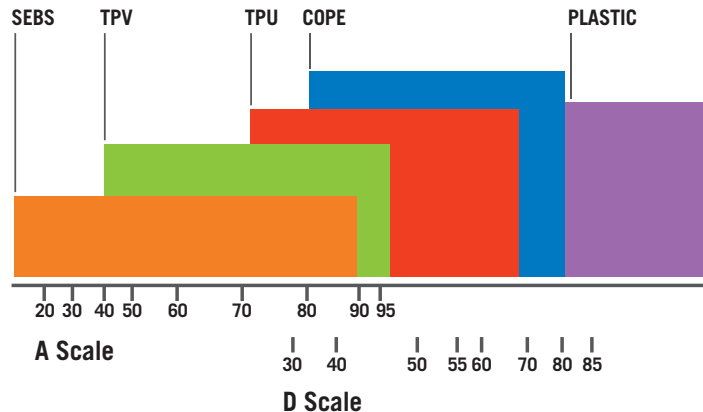
Our soft materials are available in grades that naturally form a chemical bond for adhesion with the substrates indicated below.

Material	ABS	PA6	PA66	PBT	PC	PC/PBT	PE	PET	PMMA	POM	PP	PS	PVC	SAN
COPE				•	•	•						•	•	
PVC	•	•			•									•
SEBS	•	•	•		•			•	•	•	•	•		•
TPU	•	•	•		•					•				•
TPV							•				•			
TPE-E	•	•	•		•			•	•	•	•	•		•
TPE-U	•	•	•		•					•				•

Material	FDA	Transparent Offering	USP Class V
COPE	•		•
PVC	•	•	
SEBS	•	•	•
TPU	•	•	



Cost vs. Performance



Durometer Scale

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248.620.2120 | orders 800.232.4273 | fax 248.620.3192

ChasePlastics.com

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Any recommendation by Chase Plastics personnel for the use of any material is based on tests or experience believed to be reliable. However, since the final processing and use of the product are beyond our control, we make no warranty as to such use or effects incident to such use, handling or sale.
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