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

### Durometer Scale

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<tr>
<th>Material</th>
<th>ABS</th>
<th>PA66</th>
<th>PBT</th>
<th>PC</th>
<th>PC/PBT</th>
<th>PE</th>
<th>PET</th>
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### Cost vs. Performance

### Cost vs. Performance

### Durometer Scale

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ChasePlastics.com

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