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# ELASTOMERS/Materials

## Chemical Terms, Abbreviations & Trade Names

| CHEMICAL TERM                         | ASTM DESIGNATED ABBREVIATION | POLYMER TRADE NAMES   |
|---------------------------------------|------------------------------|---|
| Acrylonitrile Butadiene               | NBR                          | Chemigum <sup>®</sup> , Nipol <sup>®</sup> , Krynac <sup>®</sup> , Paracril <sup>®</sup> , Perbunan N <sup>®</sup> buna |
| Highly Saturated Nitrile              | HNBR                         | Therban <sup>®</sup> , Zetpol <sup>®</sup>  |
| Carboxylated Nitrile                  | XNBR                         | Nipol <sup>®</sup> , Krynac <sup>®</sup> , Chemigum <sup>®</sup>  |
| Fluorocarbon                          | FKM, FEPM                    | Dyneon <sup>®</sup> , Viton <sup>®</sup> , Aflas <sup>®</sup> , Fluorel, FPM  |
| Ethylene Propylene                    | EP, EPDM, EPT, EPR           | Nordel <sup>®</sup> , Royalene <sup>®</sup> , Vistalon <sup>®</sup> , Buna EP <sup>®</sup>                              |
| Styrene Butadiene                     | SBR                          | Ameripol Synpol <sup>®</sup> , SBR <sup>®</sup> , Plioflex <sup>®</sup> , Stereon <sup>®</sup>                          |
| Polychloroprene                       | CR                           | Neoprene, Baypren <sup>®</sup> , Butaclor <sup>®</sup>  |
| Isobutylene Isoprene                  | IIR                          | Butyl <sup>®</sup>  |
| Silicone                              | VMQ, PMQ, PVMQ               | Silastic <sup>®</sup> , SILPLUS <sup>®</sup> , Elastosil <sup>®</sup>   |
| Fluorosilicone                        | FVMQ                         | FSE <sup>®</sup> , Silastic <sup>®</sup> , Sylon <sup>®</sup>   |
| Polyacrylate                          | ACM                          | Cyanacryl <sup>®</sup> , HyTemp <sup>®</sup> , Thiacril <sup>®</sup>  |
| Ethylene Acrylic                      | AEM                          | Vamac <sup>®</sup>  |
| Chlorosulfonated Polyethylene         | CSM                          | Hypalon <sup>®</sup>  |
| Epichlorohydrin                       | ECO/CO                       | Gechron <sup>®</sup> , Hydrin <sup>®</sup>  |
| Polyisoprene:                         |                              |   |
| ◆ Natural                             | NR                           | SMR <sup>®</sup> , Pale Crepe <sup>®</sup> , Smoked Sheet <sup>®</sup>  |
| ◆ Synthetic                           | IR                           | Ameripol SN <sup>®</sup> , Natsyn <sup>®</sup>  |
| Polyurethane (Polyester or Polyether) | AU or EU                     | Adiprene <sup>®</sup> , Millathane <sup>®</sup> , Vibrathane <sup>®</sup>   |

**The following are registered trademarks of their respective companies:**

Cyanacryl - American Cyanamid Co.; Ameripol CB, Ameripol SN, Ameripol Synpol - Ameripol Synpol Co.; Butaclor - Distigil; Silastic - Dow Corning Corp.; Hypalon, Nordel, Vamac, Viton - Du Pont Dow Co.; Vistalon - Exxon Chemical Co.; Stereon - Firestone Tire & Rubber Co.; FSE, SILPLUS - General Electric Co.; Budene, Chemigum, Natsyn, Philoflex - Goodyear Rubber Products Corp.; Herclor - Hercules Inc.; Aflas, Dyneon, Sylon - Dyneon Co.; Fluorel - 3M; Hydrin, Hy Temp, Gechron, Nipol, Zetpol - Zeon Chemicals Inc.; Krynac, Taktene, Tornac, Perbunan N, Buna EP, Baypren, Therban - Bayer Corp.; Millathane - TSE Industries, Inc.; Adiprene, Royalene, Paracril, Thiacril, Vibrathane - Uniroyal, Inc.

**Compound numbers mentioned in this brochure are from Minnesota Rubber. Other manufacturers may offer compounds with similar properties but with different compound part numbers. Please inquire.**