Resilon-T® Materials

Application Bulletin

Resilon-T® Grade	Description	Application and Service Information
G200	White glass filled PTFE	Primarily used for air and oxygen service
G205	Glass moly filled PTFE	Molybdenum disulfide adds lubricity and stiffness to the material
G505	Glass graphite filled PTFE	Lube/non-lube service with improved wear resistance
G333	Carbon filled PTFE	Industry standard material for temperatures below 300°F and pressures under 1500 psi
C508	Carbon/PEEK filled PTFE	Higher performance in low dew point applications
B400	Bronze filled PTFE	For high temperature, high pressure wet air service
B450	Bronze moly filled PTFE	For dry air applications and those requiring improved extrusion resistance
R700	PPS filled PTFE	Polyphenylene sulfide (Ryton®) exhibits very low deformation at elevated temperature
A500	PEEK/PPS/proprietary blend	Outstanding in non-lube, bone-dry applications including hydrogen and methane

New CECO Resilon-T® Materials

A506	PPS/Carbon/proprietary	Non-lube hydrocarbon applications including propylene, isobutane, carbon dioxide
C305	Carbon/graphite/proprietary	Non-lube cryogenic boil-off gases including compressed natural gas
PC405	Carbon filled PEEK/proprietary	Outstanding deformation and wear resistance over 400°F either lube or non-lube
X540	Proprietary formulation	Versatile non-lube/lube grade for dry hydrogen, ethylene, methane
X505	PPS/proprietary	Wet or dry, non-lube applications with improved performance in higher temperatures and pressures including hydrogen, propane and methane