



MACHINIST OF PTFE COMPONENTS AND OTHER
HIGH PERFORMANCE ENGINEERING PLASTICS

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Material Specification Sheet

PTFE BACK – UP RINGS

Referance

SPIRAL		252 INDUSTRIAL
SPIRAL		152 AEROSPACE
SPIRAL		153 MILITARY STD 27595
SOLID		251 INDUSTRIAL
SOLD		151 AEROSPACE

AEROSPACE		151 - *** - 1670 - SOLID
AEROSPACE		152 - *** - 1670 - SPIRAL
INDUSTRIAL		251 - *** - 1670 - SOLID
INDUSTRIAL		251 - *** - 1670 - SPIRAL

*** Denotes BS Number

Back-Up Rings recommended above 100 bar/1450 lbs pressure
‘O’ ring + BUR application for dynamic load up to 250 bar
for static load up to 400 bar
PTFE BUR with additives :- 25% Glass, 25% Carbon, 40% Bronze can be used in a
higher pressure dynamic situation up to 400 bar/5800 lbs
Alternating pressure requires a BUR either side of ‘O’ ring

